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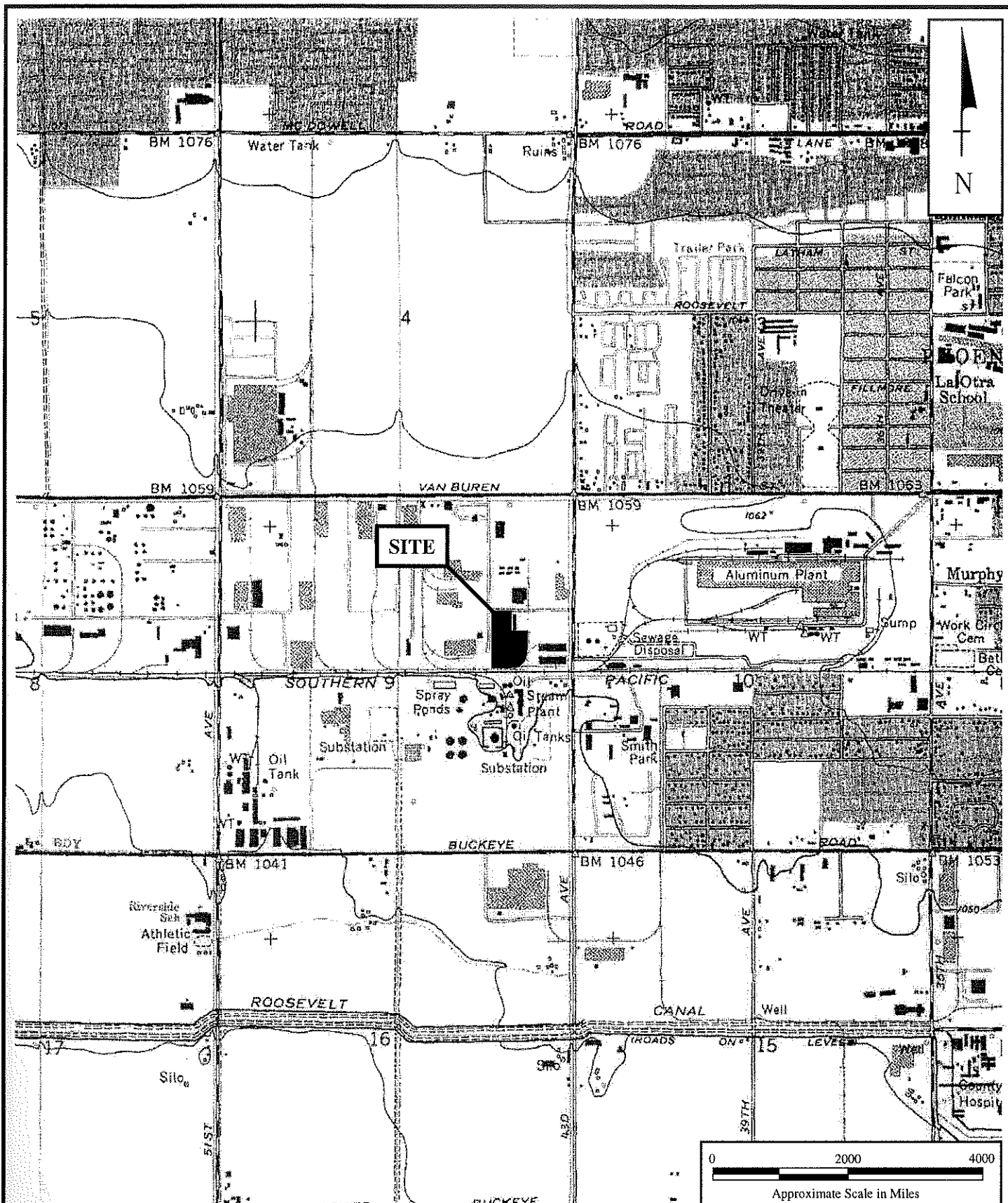
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Table G-1	Air Liquide America LLP Well Information
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LABORATORY REPORTS

Tracer Research Corp. Soil Gas Analyses
Precision Analytical Laboratories Soil Gas Analyses
Aerotech Environmental Laboratories Soil Gas Analyses
Del Mar Analytical Soil Sample Analyses



Source: Delorme (1999).

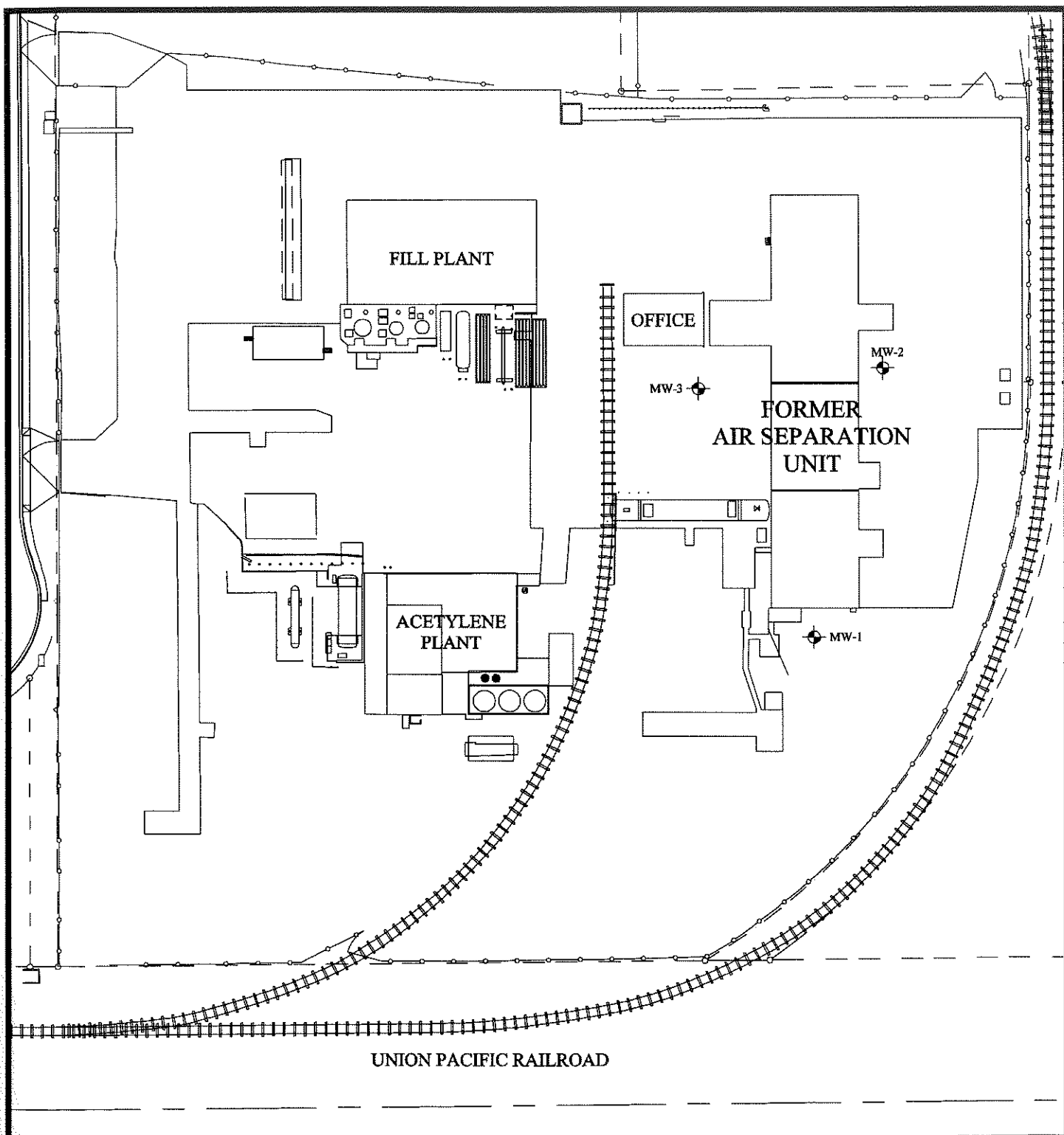
CLIENT: AIR LIQUIDE AMERICA CORPORATION

BASIN & RANGE

SITE LOCATION
AIR LIQUIDE FILL PLANT
301 SOUTH 45TH AVENUE
PHOENIX, ARIZONA


EXHIBIT

G-1



UNION PACIFIC RAILROAD

EXPLANATION

 Location and identification code of monitor well.

0 80 160
 Approximate Scale in Feet



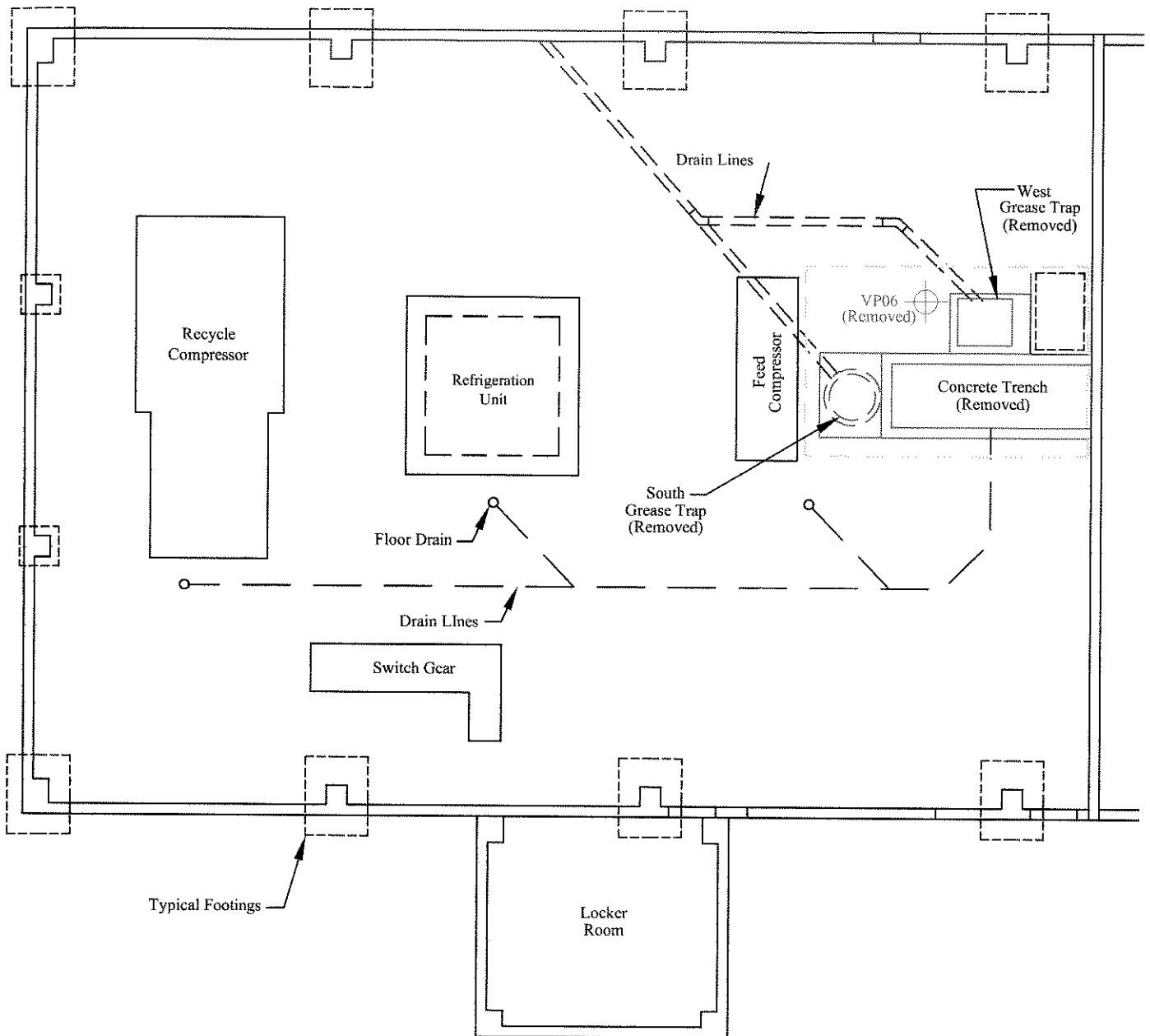
Source: Modified after Wiley & Associates (1996), ENSR (1998).

CLIENT: AIR LIQUIDE AMERICA L.P.

BASIN & RANGE

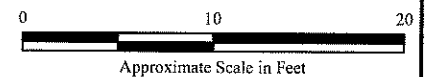
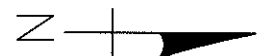
**SITE PLAN OF
 PHOENIX PLANT**
 AIR LIQUIDE - PHOENIX PLANT
 301 SOUTH 45TH AVENUE
 PHOENIX, ARIZONA

EXHIBIT
 G-3



EXPLANATION

- Excavation boundary
- Excavated improvements
- Footings



Source: Modified after Benson & Gerdin, Inc. (1979a, 1979b).

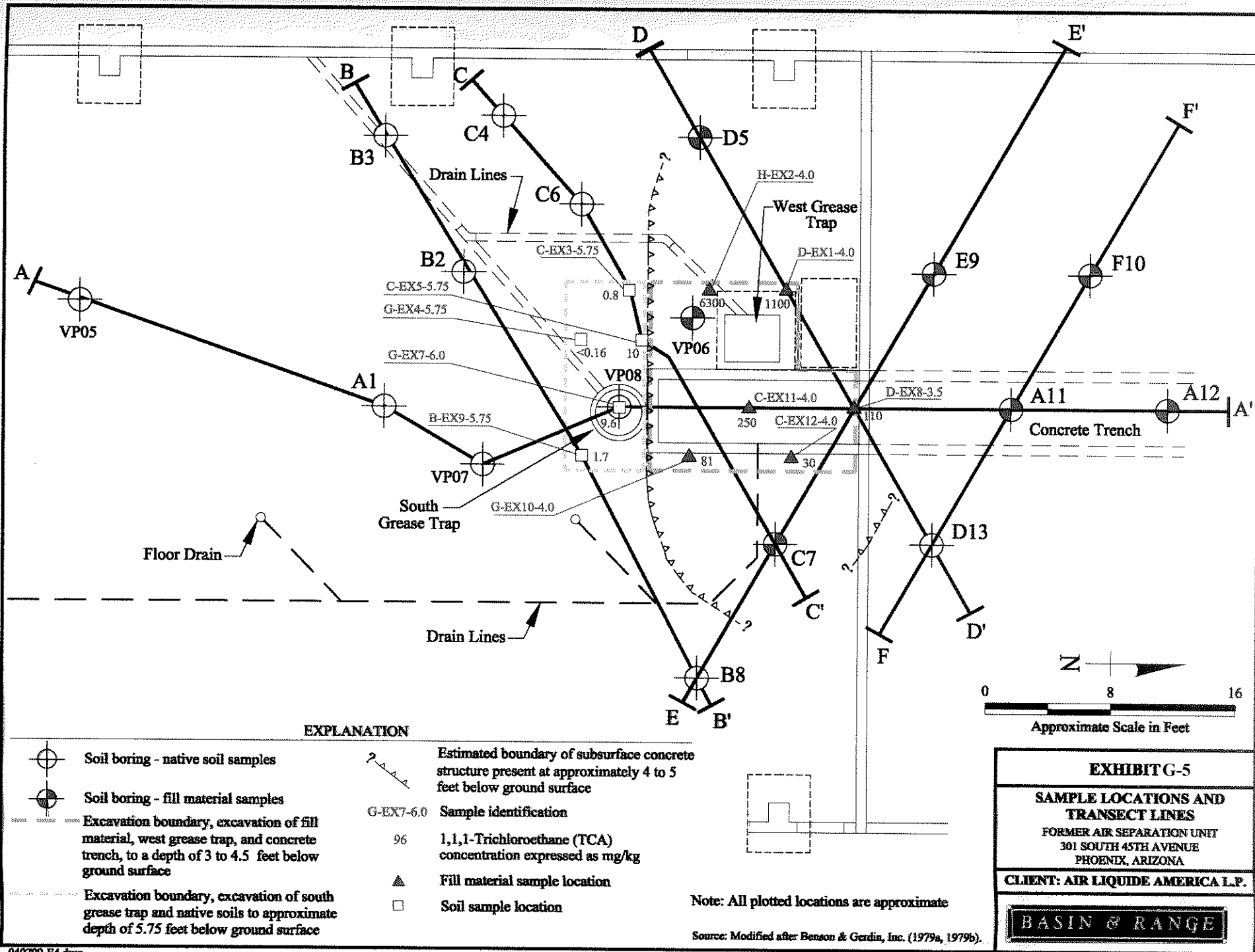
CLIENT: AIR LIQUIDE AMERICA L.P.

BASIN & RANGE

EXCAVATED IMPROVEMENTS
FORMER AIR SEPARATION UNIT -
SOUTH ROOM
AIR LIQUIDE - PHOENIX PLANT
301 SOUTH 45TH AVENUE
PHOENIX, ARIZONA

EXHIBIT

G-4



040709-E4.dwg

EXHIBIT G-5

**SAMPLE LOCATIONS AND
TRANSECT LINES**

FORMER AIR SEPARATION UNIT
301 SOUTH 45TH AVENUE
PHOENIX, ARIZONA

CLIENT: AIR LIQUIDE AMERICA L.P.

BASIN & RANGE

**Table G-1 Air Liquide America LLP Well Information
West Van Buren WQARF Site**

WVBA WELL ID	OWNER/FACILITY NAME	FACILITY WELL ID	ADWR #	TOTAL DEPTH (FT BTOC)	CASING DIAMETER (INCHES)	PERFORATED INTERVAL (FT BGS)	MEASURING POINT ELEVATION (FT AMSL)
MW-1	Air Liquide	MW-1	55-582869	130	2	55-130	1,051.71
MW-2	Air Liquide	MW-2	55-582870	130	2	55-130	1,052.41
MW-3	Air Liquide	MW-3	55-582871	130	2	55-130	1,052.11

Notes: FT BTOC - Feet Below Top Of Casing
 FT BGS - Feet Below Ground Surface
 FT AMSL - Feet Above Mean Sea Level

Tracer Research Corp.
Calibration Worksheet

Job #: 30418-000.S/Air Liquide/Phoenix, AZ										
Date: 7/7-8/98										
Analyst: J.Cook										
Field Asst.: G Lizardi										
Client/Site: ENSR										
Compound	Det	Inj Size	Area Ct	Conc (ug/L)	RF	Ave RF	std	%RSD	Acc Rpt	
1,1-DCE	ecd	5	2269528	100.0	2.2E-16	2.3E-16	5E-18	2.00	25	
		5	2208422	100.0	2.3E-16					
		5	2182502	100.0	2.3E-16					
Compound	Det	Inj Size	Area Ct	Conc (ug/L)	RF	Ave RF	std	%RSD	Acc Rpt	
1,1-DCA	ecd	5	555820	388.0	3.5E-15	3.5E-15	4E-17	1.24	25	
		5	543536	388.0	3.6E-15					
		5	544372	388.0	3.6E-15					
Compound	Det	Inj Size	Area Ct	Conc (ug/L)	RF	Ave RF	std	%RSD	Acc Rpt	
T-1,2-DCE	ecd	5	2265278	700.0	1.5E-15	1.6E-15	4E-17	2.50	25	
		5	2220342	700.0	1.6E-15					
		5	2155773	700.0	1.6E-15					
Compound	Det	Inj Size	Area Ct	Conc (ug/L)	RF	Ave RF	std	%RSD	Acc Rpt	
1,2-DCA	ecd	5	1287756	218.0	8.5E-16	8.5E-16	2E-17	2.19	25	
		5	1255616	218.0	8.7E-16					
		5	1311605	218.0	8.3E-16					
Compound	Det	Inj Size	Area Ct	Conc (ug/L)	RF	Ave RF	std	%RSD	Acc Rpt	
TCA	ecd	5	1790495	5.0	1.4E-17	1.4E-17	2E-19	1.25	25	
		5	1799211	5.0	1.4E-17					
		5	1757107	5.0	1.4E-17					
Compound	Det	Inj Size	Area Ct	Conc (ug/L)	RF	Ave RF	std	%RSD	Acc Rpt	
TCE	ecd	5	1883057	10.0	2.7E-17	2.6E-17	9E-19	3.33	25	
		5	2012779	10.0	2.5E-17					
		5	1941977	10.0	2.6E-17					
Compound	Det	Inj Size	Area Ct	Conc (ug/L)	RF	Ave RF	std	%RSD	Acc Rpt	
PCE	ecd	5	4365910	5.0	5.7E-18	6.6E-18	9E-19	13.96	25	
		5	3871557	5.0	6.5E-18					
		5	3310600	5.0	7.6E-18					

JOB:	S/Air Liquide/Phoenix, AZ		
DATE:	7/7-8/98		
ANALYST:	J.Cook		
FIELD ASS:	G Lizardi		
Client/Site:	ENSR		
Compound	DET	RF	RUN TIME min
1,1-DCE	ecd	2.25E-16	
1,1-DCA	ecd	3.54E-15	
1,1,2-DCE	ecd	1.58E-15	
1,2-DCA	ecd	8.49E-16	
TCA	ecd	1.40E-17	
TCE	ecd	2.57E-17	
PCE	ecd	6.58E-18	

CAL CHECK # 1

TIME: 0557am

Compound	DET	RF	CONC ug/L	AREA	RF	DIFF %	ACC RGE %
1,1-DCE	ecd	2.25E-16	100.000	2116283	2.36E-16	4.9	25
1,1-DCA	ecd	3.54E-15	388.000	514717	3.77E-15	6.4	25
1,1,2-DCE	ecd	1.58E-15	700.000	2120482	1.65E-15	4.4	25
1,2-DCA	ecd	8.49E-16	218.000	1273309	8.56E-16	0.9	25
TCA	ecd	1.40E-17	5.000	1784903	1.40E-17	0.2	25
TCE	ecd	2.57E-17	10.000	1651119	3.03E-17	17.8	25
PCE	ecd	6.58E-18	5.000	3000000	8.33E-18	26.7	25

TRACER RESEARCH CORP

SOIL GAS SAMPLE WORK SHEET

Job: 30418-000 S/Air Liquide/Phoenix, AZ
 Date: 7/7-8/98
 Analyst: J Cook

Sample ID:				N2 Blank				H2O BLANK				System Blank				AIR			
Injection Time:				0657/7-7-98				0625/7-7-98								0657 am			
Injection Volume FID:				500				5								200			
Injection Volume ECD:				500				5								200			
Injection Volume TCD:				500				5								200			
COMPOUND	LOCK HERE			DET			DET	DET			DET	DET			DET	DET			DET
	FID	ECD	TCD	AREA	CONC	MEAN		AREA	CONC	MEAN		AREA	CONC	MEAN		AREA	CONC	MEAN	
1,1-DCE	0	1	0	-32000	-0.01442	ug/L		-32000	-1.44173	ug/L		-32000	#VALUE!	ug/L		-32000	-0.03604	<0.04	ug/L
1,1-DCA	0	1	0	-32000	-0.22663	ug/L		-32000	-22.66304	ug/L		-32000	#VALUE!	ug/L		-32000	-0.56658	<0.6	ug/L
T-1,2-DCE	0	1	0	-40000	-0.12653	ug/L		-40000	-12.65319	ug/L		-40000	#VALUE!	ug/L		-40000	-0.31633	<0.3	ug/L
1,2-DCA	0	1	0	-39000	-0.06618	ug/L		-39000	-6.61850	ug/L		-39000	#VALUE!	ug/L		-39000	-0.16546	<0.2	ug/L
TCA	0	1	0	-39000	-0.00109	ug/L		-39000	-0.10942	ug/L		-39000	#VALUE!	ug/L		-39000	-0.00274	<0.003	ug/L
TCE	0	1	0	-45000	-0.00231	ug/L		-45000	-0.23142	ug/L		-45000	#VALUE!	ug/L		-45000	-0.00579	<0.006	ug/L
PCE	0	1	0	-74000	-0.00097	ug/L		-74000	-0.09736	ug/L		-74000	#VALUE!	ug/L		-74000	-0.00243	<0.002	ug/L

SG1-18.5'				SG2-6'				SG3-5.5'				SG3-REP				SG4-5.5'			
0938AM								1412PM				1428PM				1447PM			
200								2				8				5			
200								2				8				5			
200								2								5			
AREA	CONC	MEAN		AREA	CONC	MEAN		AREA	CONC	MEAN		AREA	CONC	MEAN		AREA	CONC	MEAN	
sqm	kg/L	kg/L		sqm	kg/L	kg/L		sqm	kg/L	kg/L		sqm	kg/L	kg/L		sqm	kg/L	kg/L	
-32000	-0.03604	<0.04			#VALUE!	6		52393	5.90129	6		256656	7.22712	7		-32000	-1.44173	<1	
-32000	-0.56658	<0.6			#VALUE!	<57		-32000	-56.65759	<32		-32000	-14.16440	<14		-32000	-22.66304	<23	
-40000	-0.31633	<0.3			#VALUE!	<32		-40000	-31.63297	<16		-40000	-7.90824	<8		-40000	-12.65319	<13	
-39000	-0.16546	<0.2			#VALUE!	310		-39000	-16.54625	0.6		-39000	-4.13656	<4		-39000	-6.61850	<7	
518614	0.03638	0.04			#VALUE!	4480		44902880	314.96026	4		118598600	207.97021	210		7797696	21.87801	22	
-45000	-0.00579	<0.006			#VALUE!	1318332		44480	0.57187	4		134474	0.43223	0.4		-45000	-0.23142	<2	
-74000	-0.00243	<0.002			#VALUE!			1318332	4.33622			2119493	1.74284	2		-74000	-0.09736	<1	

SG5-18'				SG5-REP				SG6-17.5'				SG6-DUP				SG7-18'			
1533PM				1555PM				1628PM				1642PM				1711PM			
200				5				5				5				5			
200				5				5				5				5			
200				5				5				5				5			
AREA	CONC	MEAN	AREA	CONC	MEAN	AREA	CONC	MEAN	AREA	CONC	MEAN	AREA	CONC	MEAN	AREA	CONC	MEAN	AREA	CONC
sqm	ug/L	ug/L	sqm	ug/L	ug/L	sqm	ug/L	ug/L	sqm	ug/L	ug/L	sqm	ug/L	ug/L	sqm	ug/L	ug/L	sqm	ug/L
30426480	34.27092	34	976635	44.00138	44	831831	37.47737	37	622149	28.03034	28	239311	10.78193	11	239311	10.78193	11	239311	10.78193
3088957	54.69152	55	-32000	-22.66304	<23	-32000	-22.66304	<23	-32000	-22.66304	<23	-32000	-22.66304	<23	-32000	-22.66304	<23	-32000	-22.66304
-40000	-0.31633	<3	-40000	-12.65319	<13	-40000	-12.65319	<13	-40000	-12.65319	<13	-40000	-12.65319	<13	-40000	-12.65319	<13	-40000	-12.65319
-39000	-0.16546	<2	-39000	-6.61850	<7	-39000	-6.61850	<7	-39000	-6.61850	<7	-39000	-6.61850	<7	-39000	-6.61850	<7	-39000	-6.61850
#VALUE!		OLR	176489840	495.17791	490	51252736	143.79991	140	41836480	117.38070	120	54823232	153.81766	150	54823232	153.81766	150	54823232	153.81766
33810464	4.34694	4	521171	2.68024	3	464825	2.39046	2	489546	2.51760	2	90000	0.46284	0.5	90000	0.46284	0.5	90000	0.46284
79473728	2.61403	3	2917538	3.83851	4	1841314	2.42256	2	2873762	3.78092	4	7233018	9.51626	10	7233018	9.51626	10	7233018	9.51626

SG8-18.5'				SG9-18.5'			
1744PM				1809PM			
5				5			
5				5			
5				5			
AREA	CONC	MEAN	AREA	CONC	MEAN	AREA	MEAN
count	ug/L	ug/L	count	ug/L	ug/L	count	ug/L
247656	11.15791	11	144328	6.50256	6		
-32000	-22.66304	<23	-32000	-22.66304	<23		
-40000	-12.65319	<13	-40000	-12.65319	<13		
-39000	-6.61850	<7	-39000	-6.61850	<7		
79574272	223.26170	220	24880432	69.80708	70		
-45000	-0.23142	<2	-45000	-0.23142	<2		
2842957	3.74039	4	854374	1.12407	1		

Tracer Research Corp.
Calibration Worksheet

Job #:	30418-000.S/Air Liquide/Phoenix, AZ									
Date:	7/9/98									
Analyst:	J.Cook									
Field Asst.:	G Lizardi									
Client/Site:	ENSR									
Compound	Det	Inj Size	Area C1	Conc (ug/L)	RF	Avg. RF	std	%RSD	Acc Rpo	
1,1-DCE	ecd	5	2116283	100.0	2.4E-16	2.4E-16	3E-18	1.28	25	
		5	2090219	100.0	2.4E-16					
		5	2062936	100.0	2.4E-16					
Compound	Det	Inj Size	Area C1	Conc (ug/L)	RF	Avg. RF	std	%RSD	Acc Rpo	
1,1-DCA	ecd	5	514717	388.0	3.8E-15	4.1E-15	3E-16	6.73	25	
		5	450264	388.0	4.3E-15					
		5	471365	388.0	4.1E-15					
Compound	Det	Inj Size	Area C1	Conc (ug/L)	RF	Avg. RF	std	%RSD	Acc Rpo	
T-1,2-DCE	ecd	5	2120482	700.0	1.7E-15	1.7E-15	2E-17	1.40	25	
		5	2066686	700.0	1.7E-15					
		5	2072818	700.0	1.7E-15					
Compound	Det	Inj Size	Area C1	Conc (ug/L)	RF	Avg. RF	std	%RSD	Acc Rpo	
1,2-DCA	ecd	5	1273309	218.0	8.6E-16	8.9E-16	3E-17	3.57	25	
		5	1185858	218.0	9.2E-16					
		5	1220319	218.0	8.9E-16					
Compound	Det	Inj Size	Area C1	Conc (ug/L)	RF	Avg. RF	std	%RSD	Acc Rpo	
TCA	ecd	5	1784903	5.0	1.4E-17	1.4E-17	2E-19	1.46	25	
		5	1768347	5.0	1.4E-17					
		5	1819782	5.0	1.4E-17					
Compound	Det	Inj Size	Area C1	Conc (ug/L)	RF	Avg. RF	std	%RSD	Acc Rpo	
TCE	ecd	5	1651119	10.0	3.0E-17	3.1E-17	9E-19	2.86	25	
		5	1574511	10.0	3.2E-17					
		5	1567132	10.0	3.2E-17					
Compound	Det	Inj Size	Area C1	Conc (ug/L)	RF	Avg. RF	std	%RSD	Acc Rpo	
PCE	ecd	5	2943266	5.0	8.5E-18	8.6E-18	5E-19	5.69	25	
		5	2732304	5.0	9.1E-18					
		5	3052262	5.0	8.2E-18					

JOB:	30418-000 S/Air Liquide/Phoenix, AZ			
DATE:	7/9/98			
ANALYST:	J.Cook			
FIELD ASS:	G Lizardi			
Client/Site:	ENSR			
Compound	DET	RF	RUN TIME	
			min	
1,1-DCE	ecd	2.39E-16		
1,1-DCA	ecd	4.06E-15		
T-1,2-DCE	ecd	1.68E-15		
1,2-DCA	ecd	8.89E-16		
TCA	ecd	1.40E-17		
TCE	ecd	3.13E-17		
PCE	ecd	8.61E-18		

CAL CHECK # 1

TIME: 1128AM

CAL CHECK

TIME:

Compound	DET	RF	RUN TIME	CONC	AREA	RF	DIFF	ACC RGE	CONC	AREA
			min	ug/L			%	%	ug/L	
1,1-DCE	ecd	2.39E-16		100.000	2162178	2.31E-16	3.4	25	100.000	2034935
1,1-DCA	ecd	4.06E-15		388.000	500764	3.87E-15	4.7	25	388.000	412475
1,1,2-DCE	ecd	1.68E-15		700.000	2119429	1.65E-15	1.6	25	700.000	1982840
1,2-DCA	ecd	8.89E-16		218.000	1365686	7.98E-16	10.3	25	218.000	1162858
TCA	ecd	1.40E-17		5.000	1850564	1.35E-17	3.2	25	5.000	1654140
TCE	ecd	3.13E-17		10.000	1513835	3.30E-17	5.5	25	10.000	1330658
PCE	ecd	8.61E-18		5.000	3673600	6.81E-18	21.0	25	5.000	3754086

CK: 2			
1836PM			
RF	DIFF	ACC RGE	
	%	%	
2.46E-16	2.7		25
4.70E-15	15.7		25
1.77E-15	5.2		25
9.37E-16	5.4		25
1.51E-17	8.3		25
3.76E-17	20.0		25
6.66E-18	22.7		25

TRACER RESEARCH CORP

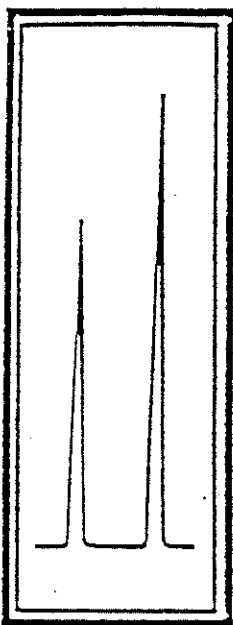
1000 UNIVERSITY AVENUE
ANN ARBOR, MICHIGAN 48106-1500



SG15-16.5'				SG16-16.5'				SG17-16'				SG17-16' DUP				SG-18-18.5'			
1024AM				1107AM				1144AM				1158AM				1220PM			
5				5				5				5				5			
5				5				5				5				5			
5				5				5				5				5			
AREA	CONC	MEAN		AREA	CONC	MEAN		AREA	CONC	MEAN		AREA	CONC	MEAN		AREA	CONC	MEAN	
sqft	ug/L	ug/L		sqft	ug/L	ug/L		sqft	ug/L	ug/L		sqft	ug/L	ug/L		sqft	ug/L	ug/L	
295593	14.14601	14		1443360	69.07398	69		-30000	-1.43569	<1		-30000	-1.43569	<1		267124	12.78359	13	
-29000	-23.57381	<24		-29000	-23.57381	<24		-29000	-23.57381	<24		-29000	-23.57381	<24		-29000	-23.57381	<24	
-35000	-11.74279	<12		-35000	-11.74279	<12		-35000	-11.74279	<12		-35000	-11.74279	<12		-35000	-11.74279	<12	
-35000	-6.22629	<6		-35000	-6.22629	<6		-35000	-6.22629	<6		-35000	-6.22629	<6		-35000	-6.22629	<6	
480407	1.34135	1		304340	0.84975	0.8		774692	2.16303	2		232859	0.65017	0.6		100000	0.27921	0.3	
72000	0.45093	0.4		2097041	13.13360	13		-36000	-0.22547	<0.2		-36000	-0.22547	<0.2		132684	0.83099	0.8	
26749616	46.07068	46		87300928	150.35780	150		666001	1.14705	1		855842	1.47401	1		10965640	18.88605	19	

SG19-16.5'				SG20-16.5'				SG21-17'				SG22-16.5'				SG23-17'			
1447pm				1516PM				1555PM				1634PM				1716PM			
5				5				5				5				5			
5				5				5				5				5			
5				5				5				5				5			
AREA	CONC	MEAN		AREA	CONC	MEAN		AREA	CONC	MEAN		AREA	CONC	MEAN		AREA	CONC	MEAN	
386509	18.49692	18		386512	18.49706	18		48816	2.33616	2		-30000	-1.43569	<1		-30000	-1.43569	<1	
-29000	-23.57381	<24		-29000	-23.57381	<24		-29000	-23.57381	<24		-29000	-23.57381	<24		-29000	-23.57381	<24	
-35000	-11.74279	<12		-35000	-11.74279	<12		-35000	-11.74279	<12		-35000	-11.74279	<12		-35000	-11.74279	<12	
-35000	-6.22629	<6		-35000	-6.22629	<6		-35000	-6.22629	<6		-35000	-6.22629	<6		-35000	-6.22629	<6	
136167360	380.19533	380		83797568	233.97269	230		13569336	37.88719	38		5998240	16.74779	17		62966	0.17581	0.2	
-36000	-0.22547	<0.2		-36000	-0.22547	<0.2		-36000	-0.22547	<0.2		-36000	-0.22547	<0.2		-36000	-0.22547	<0.2	
9479635	16.32671	16		9221184	15.88158	16		12680240	21.83909	22		54915200	94.58008	95		2449085	4.21804	4	

SG24-17'				SG24 -17'DUP				SG25-16'			
1746PM				1801PM				1820PM			
5				5				5			
5				5				5			
5				5				5			
AREA	CONC	MEAN		AREA	CONC	MEAN		AREA	CONC	MEAN	
count	ug/L	ug/L		count	ug/L	ug/L		count	ug/L	ug/L	
-30000	-1.43569	<1		-30000	-1.43569	<1		994583	47.59714	48	
-29000	-23.57381	<24		-29000	-23.57381	<24		-29000	-23.57381	<24	
-35000	-11.74279	<12		-35000	-11.74279	<12		-35000	-11.74279	<12	
-35000	-6.22629	<6		-35000	-6.22629	<6		-35000	-6.22629	<6	
262835	0.73387	0.7		43700	0.12202	0.1		3376690	9.42812	9	
-36000	-0.22547	<0.2		-36000	-0.22547	<0.2		479014	3.00003	3	
-68000	-0.11712	<0.1		-68000	-0.11712	<0.1		3455880	5.95204	6	



Tracer Research Corporation

3855 North Business Center Drive
Tucson, Arizona 85705
(602) 888-9400

SOIL GAS LOG BOOK

Job Number:	30418-000.5
Client:	ENSR
Site:	Air Liquide America Corp.
Location:	301 45th Ave
Dates Worked:	7/7/78-7-10-98

JOB SUMMARY

TOTAL NUMBER COLLECTED SOIL GAS SAMPLES	25
TOTAL NUMBER COLLECTED WATER SAMPLES	0
DEPTH OF SHALLOWEST SAMPLE COLLECTED	6'
DEPTH OF DEEPEST SAMPLE COLLECTED	18'
TOTAL NUMBER POINTS USED	25
TOTAL NUMBER 7' LENGTHS OF PROBES USED	0
HIGHEST SAMPLING VACUUM	14
LOWEST SAMPLING VACUUM	<2
MAXIMUM VACUUM OF PUMP	21

NOTES OF INTEREST

Project No. 30418-000. S

UTILITY NOTIFICATION AND RELEASE AGREEMENT

This Agreement by and between Tracer Research Corporation, an Arizona corporation (hereinafter "TRC") and ENSR Consulting & Engineering hereinafter "Client") is for the purpose of setting forth the responsibility of Client as it relates to utilities on the subject property which is located at 301 S. 45th Ave.

1. **Client Responsibilities:** Client shall be responsible for performance of the following functions:

- a. Locating and marking subsurface utilities.
- b. Obtaining any necessary utility clearances.

2. **Indemnification.** Client hereby releases TRC and agrees to indemnify and hold TRC harmless from any and all liability, damage and/or responsibility for any of the following:

- a. Damage or destruction to subsurface utilities, pipelines or other subsurface structures or systems;
- b. Environmental damage or pollution of every kind and description;
- c. Acts of third parties;
- d. Liability to any third party.

Client further promises and guarantees to TRC that should it be named as a party to a lawsuit by any party for any reason arising out of or dealing with the subject matter of this Agreement, or should it be held liable with respect to any transaction of any nature whatsoever connected with the subject matter of this Agreement, Client will at all times indemnify and save TRC harmless from and against any and all liability for damages, loss, costs, charges and expenses of whatsoever kind or nature.

DATED: 7/7/98

TRACER RESEARCH CORPORATION

CLIENT

By: [Signature]

By: [Signature]

Title: Encl. Pro

Title: Project Manager

SOIL GAS INVESTIGATION BACKGROUND INFORMATION

Job Number: 30418-000.5		Van Number: 14
Site Name: Air Liquide America Corp		Plate Number: 455-949
Dates Of Investigation: 7/2/98-		Location: Phoenix, AZ
Client Name and Address: ENSR 3000 Richmond Ave. Suite 400 Houston, TX 77098		Field Representative(s) For Client: Bob Hughes
Phone Number: 713-520-9700		
Person To Whom Report And Questions Should Be Directed:		
Phone Number:		Fax Number:
CREW: Crew Leader: Jim Cook		Field Assistant: Greg Lizardi
Report To Include (CHECK ONE): <input checked="" type="checkbox"/> QA/QC - Procedures - Data Only <input type="checkbox"/> Full Report With Contour Maps and Interpretation		Additional Information to be included in report at client's request:
Purpose Of Investigation: POSSIBLE HISTORY OF CONTAMINATION & SOURCE.		
Target VOCs: 1,1 DCE, 1,1 DCA, 1,2 DCE, 1,2 DCA 1,1 TCA, TCE, PCE		Client's signature of target voc's verification: [Signature]
Groundwater Information (if available):		
Depth To Water:		Direction of flow:
SOURCES OF CONTAMINATION:		
Geologic Setting (e.g. soil type, subsurface geology, etc.):		

DAILY SUMMARY

DATE:

7-7-98

CLIENT:

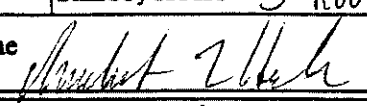
ENSR

JOB NUMBER:


30418-000.5

WEATHER:

FIELD HOURS

Time on Site: 07:30	Lunch Hours 1.0
Time off Site: 16:00	Downtime Hours ¹ 0
	Standby Hours ² 3 hours
Client's signature verifying time on and off site: 	
Billable Hours (office use only): 7.5 hours	
NOTE: REPORT TIME TO NEAREST 0.25 HOURS	

DECONTAMINATION

Probe Decontamination	Syringe Decontamination
Total Hours: 0	Total Hours: 0
Signature of verification by GC Operator:	Signature of verification by Field Assistant: 

SAMPLING AND ANALYSIS

Calibration	Sampling	Analysis
Time Start: 0630	Vacuum used (Check one): <input checked="" type="checkbox"/> Diaphragm <input type="checkbox"/> Transducer	Total System Blanks: 0
Time End: 0925	Max Vacuum: (in Hg)	Total Ambient Air Samples: 1
Total Hours: 2.5	Probes Used: 0	Total Analytical Blanks: 0
	Points Used: 2	Total Water Blanks: 0
	Soil Gas Samples Collected: 0	Water Samples Collected: 0

1 hr DRIVE TO SITE

¹ - Downtime includes time spent repairing sampling & analytical equipment; note times and explanation on following field data pages

² - Standby includes time available for sampling but waiting for client; note times and explanation on following field data pages

NOTES

7-8-98

ENSR

30418-000.5

Date

Client:

Job Number:

SG-2 Refusal at 6' - collected sample of liquid at SG2. Analyzed Head space For information only. No H.S. calibration done. only collected and analyzed to satisfy myself.

DAILY SUMMARY

DATE:

7-8-98

CLIENT:

ENSR

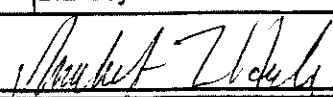
JOB NUMBER:

30418-000.5

WEATHER:

Cloudy, hot

FIELD HOURS

Time on Site: 0600	Lunch Hours 1.0
Time off Site: 1845	Downtime Hours ¹
	Standby Hours ²
Client's signature verifying time on and off site: 	
Billable Hours (office use only): 11.5 hours	
NOTE: REPORT TIME TO NEAREST 0.25 HOURS	

DECONTAMINATION

Probe Decontamination	Syringe Decontamination
Total Hours: 0	Total Hours: 0
Signature of verification by GC Operator:	Signature of verification by Field Assistant:

SAMPLING AND ANALYSIS

Calibration	Sampling	Analysis
Time Start: 0720	Vacuum used (Check one): <input type="checkbox"/> Diaphragm <input type="checkbox"/> Transducer	Total System Blanks: 0
Time End: 0900	Max Vacuum: (in Hg)	Total Ambient Air Samples: 1
Total Hours: 1.5 Hrs	Probes Used:	Total Analytical Blanks: 3
	Points Used:	Total Water Blanks: 0
	Soil Gas Samples Collected: 10	Water Samples Collected: 0

¹ - Downtime includes time spent repairing sampling & analytical equipment; note times and explanation on following field data pages

² - Standby includes time available for sampling but waiting for client; note times and explanation on following field data pages

SAMPLING DATA

Date: 7/8/98

Job Number 30418-000.5

Location:

Client:

AIR LIQUIDE 301 S. 45TH AVE

ENSR

List Rental or Extra Equipment use on this Date:

[illegible]

DAILY SUMMARY

DATE:

7-9-98

CLIENT:

ENSR

JOB NUMBER:

30418-000rS

WEATHER:

Hot

FIELD HOURS

Time on Site: 0600

Lunch Hours 15

Time off Site:

1900

Downtime Hours¹ 0

Standby Hours² 0

Client's signature verifying time on and off site:

[Signature]

Billable Hours (office use only):

12.50 hours

NOTE: REPORT TIME TO NEAREST 0.25 HOURS

DECONTAMINATION

Probe Decontamination

Syringe Decontamination

Total Hours:

0

Total Hours:

0

Signature of verification by GC Operator:

Signature of verification by Field Assistant:

SAMPLING AND ANALYSIS

Calibration	Sampling	Analysis
Time Start: 0630	Vacuum used (Check one): <input type="checkbox"/> Diaphragm <input type="checkbox"/> Transducer	Total System Blanks: 0
Time End: 0711	Max Vacuum: 21 (in Hg)	Total Ambient Air Samples: 1
Total Hours: 1.75	Probes Used: .	Total Analytical Blanks: 3
	Points Used: 15	Total Water Blanks: 0
	Soil Gas Samples Collected: 15	Water Samples Collected: 0

¹ - Downtime includes time spent repairing sampling & analytical equipment; note times and explanation on following field data pages

² - Standby includes time available for sampling but waiting for client; note times and explanation on following field data pages

SAMPLING DATA

Date: 7-9-98

Job Number 30418-000.5

Location: AIRLIQUIDE 3075.45TH AVE, PLEASANT AR.

Client: ENSR

List Rental or Extra Equipment use on this Date:

TIME	SAMPLE NUMBER	DEPTH FT	PROBE #	PROBE PUSH/ POUND	VACUUM (in Hg)	EVAC TIME (s)	SAMPLE VOL (cc)	POINTS USED	NOTES/ADD'L DATA REQUESTED BY CLIENT This includes, but is not limited to: description of sampling location and general area, ground conditions, asphalt, concrete, soil appearance, odors, vegetation, backfill procedures and materials, etc.
0706	10	18.5	1	15/5.5	17	60	9	1	DIRT COVER, OUTSIDE EASY PUSH & POUND
0803	11	18.5	1	10/1.5	7	30	8	1	DIRT COVER EASY PUSH & POUND
838	12	16.0	1	12/4	12	30	8	1	DIRT COVER EASY P&P
7905	13	16.0	1	13/3	5	30	8	1	DIRT COVER EASY P&P.
0938	14	16.5	1	8/8.5	5	30	7	1	CONCRETE COVER, OUTSIDE EASY PUSH, EASY POUND
020	15		1	/	7	30	8	1	CONCRETE COVER EASY P&P
1100	16	16.5	1	12/4.5	9	45	8	1	ASPHALT COVER
1142	17	16.0	1	11/5	9	45	3	1	DIRT COVER EASY P&P
1225	18	18.5	1	16/2.5	5	30	6	1	DIRT COVER EASY P&P
1446	19	16.5	1	12/4.5	5	30	6	1	CONCRETE COVER, INSIDE BUILDING EASY P&P
1510	20	16.5	1	12/4.5	10	45	8	1	CONCRETE COVER, INSIDE EASY P&P
1550	21	17	1	13/4	5	30	8	1	CONCRETE COVER, INSIDE EASY P&P
1632	22	16.5	1	14/5.5	5	30	8	1	CONCRETE COVER EASY PUSH, HARD POUND
1712	23	17.0	1	11/6	5	30	8	1	DIRT COVER EASY P&P
1714	23 Dup	17.0	1	11/6	5	30	8	1	" " DUP.
744	24	17	1	15/2	8	60	7	1	DIRT COVER EASY P&P.
45	24 Dup	17	1	15/2	8	60	7	1	" " DUP.
19	25	16	1	14/2	7	60	8	1	DIRT COVER EASY PUSH, HARD POUND



Precision Analytical Laboratories

a division of Aerotech Laboratories, Inc.

October 16, 2003

Ray Craft
Basin & Range Hydrogeologists
2800 N 24th St
Phoenix, AZ 85008

RE: Air Liquide/23018.016

Dear Ray Craft:

Order No.: 03091226


Precision Analytical Laboratories received 5 samples on 9/30/2003 for the analyses presented in the following report.

This report includes the following information:

- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,


Marcia A. Smith
Vice President - Client Services

Corporate Address: 1501 W. Knudsen Drive, Phoenix, Arizona 85027 Phone: 623.780.4800 Toll Free: 800.651.4802 Fax: 623.780.7695 www.palabs.com
Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 623.443.6182
Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803



Precision Analytical Laboratories

a division of Aerotech Laboratories, Inc.

Precision Analytical Laboratories

Date: 17-Oct-03

CLIENT: Basin & Range Hydrogeologists
Project: Air Liquide/23018.016
Lab Order: 03091226

CASE NARRATIVE

Samples were analyzed using methods outlined in references such as:
Standard Methods for the Examination of Water and Wastewater, 19th Edition, 1995.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Revised March 1983.
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.

40 CFR, Part 136, Revised 1995. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.

NIOSH Manual of Analytical Methods, Fourth Edition, 1994.

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition, 1999.

Precision Analytical Laboratories (PAL) holds Arizona certification no. AZ0610 and PAL-Tucson holds Arizona certification no. AZ0609.

Aerotech Laboratories, Inc. (PAL division - Laboratory ID 154268) is accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation. PAL participates in the AIHA Environmental Lead Proficiency Analytical Testing (ELPAT) program for lead in soil, paint chips and dust wipes.

Analytical Comments:

All method blanks and laboratory control spikes met EPA method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:

Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D2 Sample required dilution due to high concentration of target analyte.

Corporate Address: 1501 W. Knudsen Drive, Phoenix, Arizona 85027 Phone: 623.780.4800 Toll Free: 800.651.4802 Fax: 623.780.7695 www.palabs.com
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Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

Page 1 of 1



Precision Analytical Laboratories

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Precision Analytical Laboratories

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Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Project: Air Liquide/23018.016
Lab ID: 03091226-01A

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Project: Air Liquide/23018.016
Lab ID: 03091226-01A

Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Project: Air Liquide/23018.016
Lab ID: 03091226-01A

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
TO15						
1,1,1-Trichloroethane	25	10	D2	ppbv	20	10/12/2003
1,1,2,2-Tetrachloroethane	< 10	10		ppbv	20	10/12/2003
1,1,2-Trichloroethane	< 10	10		ppbv	20	10/12/2003
1,1-Dichloroethane	380	10	D2	ppbv	20	10/12/2003
1,1-Dichloroethane	1400	30	D2	ppbv	60	10/12/2003
1,2,4-Trichlorobenzene	< 20	20		ppbv	20	10/12/2003
1,2,4-Trimethylbenzene	120	10	D2	ppbv	20	10/12/2003
1,2-Dibromochloroethane	< 10	10		ppbv	20	10/12/2003
1,2-Dichlorobenzene	< 10	10		ppbv	20	10/12/2003
1,2-Dichloroethane	< 10	10		ppbv	20	10/12/2003
1,2-Dichloropropane	< 10	10		ppbv	20	10/12/2003
1,3,5-Trimethylbenzene	27	10	D2	ppbv	20	10/12/2003
1,3-Butadiene	< 10	10		ppbv	20	10/12/2003
1,3-Dichlorobenzene	< 10	10		ppbv	20	10/12/2003
1,4-Dichlorobenzene	< 10	10		ppbv	20	10/12/2003
2,2,4-Trimethylpentane	11	10	D2	ppbv	20	10/12/2003
2-Butanone (MEK)	150	20	D2	ppbv	20	10/12/2003
2-Hexanone	< 20	20		ppbv	20	10/12/2003
2-Propanol	< 20	20		ppbv	20	10/12/2003
4-Ethyltoluene	62	10	D2	ppbv	20	10/12/2003
4-Methyl-2-pentanone	< 20	20		ppbv	20	10/12/2003
Acetone	< 100	100		ppbv	20	10/12/2003
Allyl chloride	< 10	10		ppbv	20	10/12/2003
Benzene	280	10	D2	ppbv	20	10/12/2003
Benzyl chloride	< 40	40		ppbv	20	10/12/2003
Bromodichloromethane	< 10	10		ppbv	20	10/12/2003
Bromoethene(Vinyl Bromide)	< 10	10		ppbv	20	10/12/2003
Bromofarm	< 10	10		ppbv	20	10/12/2003
Bromomethane	< 10	10		ppbv	20	10/12/2003
Carbon disulfide	< 10	10		ppbv	20	10/12/2003
Carbon tetrachloride	< 10	10		ppbv	20	10/12/2003
Chlorobenzene	< 10	10		ppbv	20	10/12/2003
Chloroethane	< 10	10		ppbv	20	10/12/2003
Chloroform	24	10	D2	ppbv	20	10/12/2003
Chloromethane	< 10	10		ppbv	20	10/12/2003
cis-1,2-Dichloroethene	< 10	10		ppbv	20	10/12/2003
cis-1,3-Dichloropropene	< 10	10		ppbv	20	10/12/2003
Cyclohexane	< 10	10		ppbv	20	10/12/2003
Dibromochloromethane	< 10	10		ppbv	20	10/12/2003
Dichlorodifluoromethane(F-12)	< 10	10		ppbv	20	10/12/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank

Corporate Address: 1501 W. Knudsen Drive, Phoenix, Arizona 85027 Phone: 602.780.4800 Toll Free: 800.651.4802 Fax: 602.780.7895
Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 602.445.8182
Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

Page 1 of 10

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
TO15						
Dichlorotetrafluoroethane(F-114)	< 10	10		ppbv	20	10/12/2003
Ethyl Acetate	< 10	10		ppbv	20	10/12/2003
Ethylbenzene	200	10	D2	ppbv	20	10/12/2003
Heptane	180	10	D2	ppbv	20	10/12/2003
Hexachlorobutadiene	< 20	20		ppbv	20	10/12/2003
Hexane	120	10	D2	ppbv	20	10/12/2003
m&p-Xylene	650	20	D2	ppbv	20	10/12/2003
Methyl tert-butyl ether	99	20	D2	ppbv	20	10/12/2003
Methylene chloride	< 10	10		ppbv	20	10/12/2003
o-Xylene	150	10	D2	ppbv	20	10/12/2003
Propene (Propylene)	580	20	D2	ppbv	20	10/12/2003
Styrene	< 10	10		ppbv	20	10/12/2003
Tetrachloroethene	770	10	D2	ppbv	20	10/12/2003
Tetrahydrofuran	< 20	20		ppbv	20	10/12/2003
Toluene	990	10	D2	ppbv	20	10/12/2003
trans-1,2-Dichloroethene	< 10	10		ppbv	20	10/12/2003
trans-1,3-Dichloropropene	< 10	10		ppbv	20	10/12/2003
Trichloroethene	280	10	D2	ppbv	20	10/12/2003
Trichlorofluoromethane(F-11)	270	10	D2	ppbv	20	10/12/2003
Trichlorotrifluoroethane(F-113)	< 10	10		ppbv	20	10/12/2003
Vinyl acetate	< 10	10		ppbv	20	10/12/2003
Vinyl chloride	< 10	10		ppbv	20	10/12/2003
Surr: 4-Bromofluorobenzene	101	70-130		%REC	20	10/12/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank

Corporate Address: 1501 W. Knudsen Drive, Phoenix, Arizona 85027 Phone: 602.780.4800 Toll Free: 800.651.4802 Fax: 602.780.7895
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Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Project: Air Liquide/23018.016
Lab ID: 03091226-02A

Client Sample ID: AL-Air Field Blank-0903
Tag Number: 00222
Collection Date: 9/30/2003 11:45:00 AM
Matrix: AIR

Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Project: Air Liquide/23018.016
Lab ID: 03091226-02A

Client Sample ID: AL-Air Field Blank-0903
Tag Number: 00222
Collection Date: 9/30/2003 11:45:00 AM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	Analyst: JG 10/1/2003
1,1,1,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	10/1/2003
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	10/1/2003
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	10/1/2003
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	10/1/2003
1,2,4-Trichlorobenzene	< 1.0	1.0		ppbv	1	10/1/2003
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	10/1/2003
1,2-Dibromochloroethane	< 0.50	0.50		ppbv	1	10/1/2003
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	10/1/2003
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	10/1/2003
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	10/1/2003
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	10/1/2003
1,3-Butadiene	< 0.50	0.50		ppbv	1	10/1/2003
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	10/1/2003
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	10/1/2003
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	10/1/2003
2-Butanone (MEK)	1.2	1.0		ppbv	1	10/1/2003
2-Hexanone	< 1.0	1.0		ppbv	1	10/1/2003
2-Propanol	< 1.0	1.0		ppbv	1	10/1/2003
4-Ethyltoluene	< 0.50	0.50		ppbv	1	10/1/2003
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	10/1/2003
Acetone	19	5.0		ppbv	1	10/1/2003
Allyl chloride	< 0.50	0.50		ppbv	1	10/1/2003
Benzene	< 0.50	0.50		ppbv	1	10/1/2003
Benzyl chloride	< 2.0	2.0		ppbv	1	10/1/2003
Bromodichloromethane	< 0.50	0.50		ppbv	1	10/1/2003
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	10/1/2003
Bromoflorm	< 0.50	0.50		ppbv	1	10/1/2003
Bromomethane	< 0.50	0.50		ppbv	1	10/1/2003
Carbon disulfide	< 0.50	0.50		ppbv	1	10/1/2003
Carbon tetrachloride	< 0.50	0.50		ppbv	1	10/1/2003
Chlorobenzene	< 0.50	0.50		ppbv	1	10/1/2003
Chloroethane	< 0.50	0.50		ppbv	1	10/1/2003
Chloroform	< 0.50	0.50		ppbv	1	10/1/2003
Chloromethane	0.74	0.50		ppbv	1	10/1/2003
cis-1,2-Dichloroethane	< 0.50	0.50		ppbv	1	10/1/2003
cis-1,3-Dichloropropane	< 0.50	0.50		ppbv	1	10/1/2003
Cyclohexane	< 0.50	0.50		ppbv	1	10/1/2003
Dibromochloromethane	< 0.50	0.50		ppbv	1	10/1/2003
Dichlorodifluoromethane(F-12)	0.74	0.50		ppbv	1	10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
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Main Laboratory: 4645 S. Cotton Center Boulevard, Building 3, Suite 100 Phoenix, AZ 85040 Phone: 602.437.5340 Toll Free: 866.772.5227 Fax: 623.445.6192
Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

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VOLATILE ORGANICS IN AIR						
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	Analyst: JG 10/1/2003
Ethyl Acetate	< 0.50	0.50		ppbv	1	10/1/2003
Ethylbenzene	< 0.50	0.50		ppbv	1	10/1/2003
Heptane	< 0.50	0.50		ppbv	1	10/1/2003
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	10/1/2003
Hexane	0.63	0.50		ppbv	1	10/1/2003
m,p-Xylene	< 1.0	1.0		ppbv	1	10/1/2003
Methyl tert-butyl ether	1.2	1.0		ppbv	1	10/1/2003
Methylene chloride	< 0.50	0.50		ppbv	1	10/1/2003
o-Xylene	< 0.50	0.50		ppbv	1	10/1/2003
Propene (Propylene)	2.4	1.0		ppbv	1	10/1/2003
Styrene	< 0.50	0.50		ppbv	1	10/1/2003
Tetrachloroethane	< 0.50	0.50		ppbv	1	10/1/2003
Tetrahydrofuran	< 1.0	1.0		ppbv	1	10/1/2003
Toluene	2.0	0.50		ppbv	1	10/1/2003
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	10/1/2003
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	10/1/2003
Trichloroethene	< 0.50	0.50		ppbv	1	10/1/2003
Trichlorofluoroethane(F-11)	< 0.50	0.50		ppbv	1	10/1/2003
Trichlorofluoroethane(F-113)	< 0.50	0.50		ppbv	1	10/1/2003
Vinyl acetate	< 0.50	0.50		ppbv	1	10/1/2003
Vinyl chloride	< 0.50	0.50		ppbv	1	10/1/2003
Surr: 4-Bromofluorobenzene	100	70-130		%REC	1	10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803



Precision Analytical Laboratories

a division of Aerotech Laboratories, Inc.

Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Client Sample ID: AL-SG29-0903

Lab Order: 03091226

Tag Number: 00734

Project: Air Liquide/23018.016

Collection Date: 9/30/2003 12:36:00 PM

Lab ID: 03091226-03A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
1,1,1-Trichloroethane	25	10	D2	ppbv	20	Analyst: JG 10/1/2003
1,1,2,2-Tetrachloroethane	< 10	10		ppbv	20	10/1/2003
1,1,2-Trichloroethane	< 10	10		ppbv	20	10/1/2003
1,1-Dichloroethane	430	10	D2	ppbv	20	10/1/2003
1,1-Dichloroethane	910	10	D2	ppbv	20	10/1/2003
1,2,4-Trichlorobenzene	< 20	20		ppbv	20	10/1/2003
1,2,4-Trimethylbenzene	49	10	D2	ppbv	20	10/1/2003
1,2-Dibromochloroethane	< 10	10		ppbv	20	10/1/2003
1,2-Dichlorobenzene	< 10	10		ppbv	20	10/1/2003
1,2-Dichloroethane	< 10	10		ppbv	20	10/1/2003
1,2-Dichloropropane	< 10	10		ppbv	20	10/1/2003
1,3,5-Trimethylbenzene	11	10	D2	ppbv	20	10/1/2003
1,3-Butadiene	< 10	10		ppbv	20	10/1/2003
1,3-Dichlorobenzene	< 10	10		ppbv	20	10/1/2003
1,4-Dichlorobenzene	< 10	10		ppbv	20	10/1/2003
2,2,4-Trimethylpentane	< 10	10		ppbv	20	10/1/2003
2-Butanone (MEK)	< 20	20		ppbv	20	10/1/2003
2-Hexanone	< 20	20		ppbv	20	10/1/2003
2-Propanol	< 20	20		ppbv	20	10/1/2003
4-Ethyltoluene	23	10	D2	ppbv	20	10/1/2003
4-Methyl-2-pentanone	140	100	D2	ppbv	20	10/1/2003
Acetone	< 10	10		ppbv	20	10/1/2003
Allyl chloride	10	10	D2	ppbv	20	10/1/2003
Benzene	< 40	40		ppbv	20	10/1/2003
Benzyl chloride	< 10	10		ppbv	20	10/1/2003
Bromodichloromethane	< 10	10		ppbv	20	10/1/2003
Bromoethene(Vinyl Bromide)	< 10	10		ppbv	20	10/1/2003
Bromoforn	< 10	10		ppbv	20	10/1/2003
Bromomethane	< 10	10		ppbv	20	10/1/2003
Carbon disulfide	< 10	10		ppbv	20	10/1/2003
Carbon tetrachloride	< 10	10		ppbv	20	10/1/2003
Chlorobenzene	< 10	10		ppbv	20	10/1/2003
Chloroethane	< 10	10		ppbv	20	10/1/2003
Chloroform	31	10	D2	ppbv	20	10/1/2003
Chloromethane	< 10	10		ppbv	20	10/1/2003
cis-1,2-Dichloroethene	20	10	D2	ppbv	20	10/1/2003
cis-1,3-Dichloropropene	< 10	10		ppbv	20	10/1/2003
Cyclohexane	< 10	10		ppbv	20	10/1/2003
Dibromochloromethane	< 10	10		ppbv	20	10/1/2003
Dichlorodifluoromethane(F-12)	< 10	10		ppbv	20	10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
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Lab Address: 4445 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803
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Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Client Sample ID: AL-SG29-0903

Lab Order: 03091226

Tag Number: 00734

Project: Air Liquide/23018.016

Collection Date: 9/30/2003 12:36:00 PM

Lab ID: 03091226-03A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
Dichlorotetrafluoroethane(F-114)	< 10	10		ppbv	20	Analyst: JG 10/1/2003
Ethyl Acetate	< 10	10		ppbv	20	10/1/2003
Ethylbenzene	40	10	D2	ppbv	20	10/1/2003
Heptane	< 10	10		ppbv	20	10/1/2003
Hexachlorobutadiene	< 20	20		ppbv	20	10/1/2003
Hexane	< 10	10		ppbv	20	10/1/2003
m,p-Xylene	170	20	D2	ppbv	20	10/1/2003
Methyl tert-butyl ether	< 20	20		ppbv	20	10/1/2003
Methylene chloride	< 10	10		ppbv	20	10/1/2003
o-Xylene	42	10	D2	ppbv	20	10/1/2003
Propene (Propylene)	50	20	D2	ppbv	20	10/1/2003
Styrene	< 10	10		ppbv	20	10/1/2003
Tetrachloroethene	5000	100	D2	ppbv	200	10/1/2003
Tetrahydrofuran	< 20	20		ppbv	20	10/1/2003
Toluene	110	10	D2	ppbv	20	10/1/2003
trans-1,2-Dichloroethane	< 10	10		ppbv	20	10/1/2003
trans-1,3-Dichloropropene	670	10	D2	ppbv	20	10/1/2003
Trichloroethene	150	10	D2	ppbv	20	10/1/2003
Trichlorofluoromethane(F-11)	< 10	10		ppbv	20	10/1/2003
Trichlorofluoromethane(F-113)	< 10	10		ppbv	20	10/1/2003
Vinyl acetate	< 10	10		ppbv	20	10/1/2003
Vinyl chloride	< 10	10		ppbv	20	10/1/2003
Surr: 4-Bromofluorobenzene	100	70-130		%REC	20	10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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E - Value above quantitation range

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Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Client Sample ID: AL-Air Equipment Blank-0903

Lab Order: 03091226

Tag Number: 00235

Project: Air Liquide/23018.016

Collection Date: 9/30/2003 1:26:00 PM

Lab ID: 03091226-04A

Matrix: AIR

Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Client Sample ID: AL-Air Equipment Blank-0903

Lab Order: 03091226

Tag Number: 00235

Project: Air Liquide/23018.016

Collection Date: 9/30/2003 1:26:00 PM

Lab ID: 03091226-04A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	Analyst: JG 10/1/2003
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	10/1/2003
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	10/1/2003
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	10/1/2003
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	10/1/2003
1,2,4-Trichlorobenzene	< 1.0	1.0		ppbv	1	10/1/2003
1,2,4-Trimethylbenzene	2.0	0.50		ppbv	1	10/1/2003
1,2-Dibromochloroethane	< 0.50	0.50		ppbv	1	10/1/2003
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	10/1/2003
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	10/1/2003
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	10/1/2003
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	10/1/2003
1,3-Butadiene	< 0.50	0.50		ppbv	1	10/1/2003
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	10/1/2003
1,4-Dichlorobenzene	12	0.50		ppbv	1	10/1/2003
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	10/1/2003
2-Butanone (MEK)	1.4	1.0		ppbv	1	10/1/2003
2-Hexanone	< 1.0	1.0		ppbv	1	10/1/2003
2-Propanol	< 1.0	1.0		ppbv	1	10/1/2003
4-Ethyltoluene	< 0.50	0.50		ppbv	1	10/1/2003
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	10/1/2003
Acetone	59	10	D2	ppbv	2	10/1/2003
Allyl chloride	< 0.50	0.50		ppbv	1	10/1/2003
Benzene	0.96	0.50		ppbv	1	10/1/2003
Benzyl chloride	< 2.0	2.0		ppbv	1	10/1/2003
Bromodichloromethane	< 0.50	0.50		ppbv	1	10/1/2003
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	10/1/2003
Bromoforn	< 0.50	0.50		ppbv	1	10/1/2003
Bromomethane	< 0.50	0.50		ppbv	1	10/1/2003
Carbon disulfide	< 0.50	0.50		ppbv	1	10/1/2003
Carbon tetrachloride	< 0.50	0.50		ppbv	1	10/1/2003
Chlorobenzene	< 0.50	0.50		ppbv	1	10/1/2003
Chloroethane	< 0.50	0.50		ppbv	1	10/1/2003
Chloroform	< 0.50	0.50		ppbv	1	10/1/2003
Chloromethane	0.59	0.50		ppbv	1	10/1/2003
cis-1,2-Dichloroethane	< 0.50	0.50		ppbv	1	10/1/2003
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	10/1/2003
Cyclohexane	< 0.50	0.50		ppbv	1	10/1/2003
Dibromochloromethane	< 0.50	0.50		ppbv	1	10/1/2003
Dichlorodifluoromethane(F-12)	0.69	0.50		ppbv	1	10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

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Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
Dichlorodifluoroethane(F-114)	< 0.50	0.50		ppbv	1	Analyst: JG 10/1/2003
Ethyl Acetate	< 0.50	0.50		ppbv	1	10/1/2003
Ethylbenzene	1.1	0.50		ppbv	1	10/1/2003
Heptane	< 0.50	0.50		ppbv	1	10/1/2003
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	10/1/2003
Hexane	0.61	0.50		ppbv	1	10/1/2003
m&p-Xylene	4.2	1.0		ppbv	1	10/1/2003
Methyl tert-butyl ether	1.5	1.0		ppbv	1	10/1/2003
Methylene chloride	< 0.50	0.50		ppbv	1	10/1/2003
o-Xylene	1.4	0.50		ppbv	1	10/1/2003
Propene (Propylene)	3.1	1.0		ppbv	1	10/1/2003
Styrene	< 0.50	0.50		ppbv	1	10/1/2003
Tetrachloroethane	0.58	0.50		ppbv	1	10/1/2003
Tetrahydrofuran	< 1.0	1.0		ppbv	1	10/1/2003
Toluene	4.2	0.50		ppbv	1	10/1/2003
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	10/1/2003
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	10/1/2003
Trichloroethene	< 0.50	0.50		ppbv	1	10/1/2003
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	10/1/2003
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	10/1/2003
Vinyl acetate	< 0.50	0.50		ppbv	1	10/1/2003
Vinyl chloride	< 0.50	0.50		ppbv	1	10/1/2003
Sum: 4-Bromodifluorobenzene	101	70-130		%REC	1	10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

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Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Client Sample ID: AL-SG50-0903

Lab Order: 03091226

Tag Number: 00189

Project: Air Liquide/23018.016

Collection Date: 9/30/2003 2:27:00 PM

Lab ID: 03091226-05A

Matrix: AIR

Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Client Sample ID: AL-SG50-0903

Lab Order: 03091226

Tag Number: 00189

Project: Air Liquide/23018.016

Collection Date: 9/30/2003 2:27:00 PM

Lab ID: 03091226-05A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
1,1,1-Trichloroethane	11	10	D2	ppbv	20	Analyst: JG 10/1/2003
1,1,2,2-Tetrachloroethane	< 10	10		ppbv	20	10/1/2003
1,1,2-Trichloroethane	< 10	10		ppbv	20	10/1/2003
1,1-Dichloroethane	480	10	D2	ppbv	20	10/1/2003
1,1-Dichloroethane	840	100	D2	ppbv	200	10/1/2003
1,2,4-Trichlorobenzene	< 20	20		ppbv	20	10/1/2003
1,2,4-Trimethylbenzene	73	10	D2	ppbv	20	10/1/2003
1,2-Dibromochloroethane	< 10	10		ppbv	20	10/1/2003
1,2-Dichlorobenzene	< 10	10		ppbv	20	10/1/2003
1,2-Dichloroethane	< 10	10		ppbv	20	10/1/2003
1,2-Dichloropropane	< 10	10		ppbv	20	10/1/2003
1,3,5-Trimethylbenzene	16	10	D2	ppbv	20	10/1/2003
1,3-Butadiene	< 10	10		ppbv	20	10/1/2003
1,3-Dichlorobenzene	< 10	10		ppbv	20	10/1/2003
1,4-Dichlorobenzene	< 10	10		ppbv	20	10/1/2003
2,2,4-Trimethylpentane	< 10	10		ppbv	20	10/1/2003
2-Butanone (MEK)	< 20	20		ppbv	20	10/1/2003
2-Hexanone	< 20	20		ppbv	20	10/1/2003
2-Propanol	< 20	20		ppbv	20	10/1/2003
4-Ethyltoluene	35	10	D2	ppbv	20	10/1/2003
4-Methyl-2-pentanone	< 20	20		ppbv	20	10/1/2003
Acetone	220	100	D2	ppbv	20	10/1/2003
Allyl chloride	< 10	10		ppbv	20	10/1/2003
Benzene	60	10	D2	ppbv	20	10/1/2003
Benzyl chloride	< 40	40		ppbv	20	10/1/2003
Bromodichloromethane	< 10	10		ppbv	20	10/1/2003
Bromochloroethane(Vinyl Bromide)	< 10	10		ppbv	20	10/1/2003
Bromodimethyl	< 10	10		ppbv	20	10/1/2003
Bromomethane	< 10	10		ppbv	20	10/1/2003
Carbon disulfide	< 10	10		ppbv	20	10/1/2003
Carbon tetrachloride	< 10	10		ppbv	20	10/1/2003
Chlorobenzene	< 10	10		ppbv	20	10/1/2003
Chloroethane	< 10	10		ppbv	20	10/1/2003
Chloroform	35	10	D2	ppbv	20	10/1/2003
Chloromethane	< 10	10		ppbv	20	10/1/2003
cis-1,2-Dichloroethene	< 10	10		ppbv	20	10/1/2003
cis-1,3-Dichloropropene	< 10	10		ppbv	20	10/1/2003
Cyclohexane	< 10	10		ppbv	20	10/1/2003
Dibromochloromethane	< 10	10		ppbv	20	10/1/2003
Dichlorodifluoromethane(F-12)	< 10	10		ppbv	20	10/1/2003

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
Corporate Address: 1501 W. Kuykendall Drive, Phoenix, Arizona 85027 Phone: 602.780.4800 Toll Free: 800.651.4802 Fax: 602.780.7695 www.aerotechlabs.com
Main Laboratory: 4445 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 602.445.6192 www.palabs.com
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Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
Dichlorodifluoroethane(F-114)	< 10	10		ppbv	20	Analyst: JG 10/1/2003
Ethyl Acetate	< 10	10		ppbv	20	10/1/2003
Ethylbenzene	100	10	D2	ppbv	20	10/1/2003
Heptane	49	10	D2	ppbv	20	10/1/2003
Hexachlorobutadiene	< 20	20		ppbv	20	10/1/2003
Hexane	32	10	D2	ppbv	20	10/1/2003
m,p-Xylene	370	20	D2	ppbv	20	10/1/2003
Methyl tert-butyl ether	< 20	20		ppbv	20	10/1/2003
Methylene chloride	< 10	10		ppbv	20	10/1/2003
o-Xylene	88	10	D2	ppbv	20	10/1/2003
Propene (Propylene)	71	20	D2	ppbv	20	10/1/2003
Styrene	< 10	10		ppbv	20	10/1/2003
Tetrachloroethene	4100	100	D2	ppbv	200	10/1/2003
Tetrahydrofuran	< 20	20		ppbv	20	10/1/2003
Toluene	470	10	D2	ppbv	20	10/1/2003
trans-1,2-Dichloroethene	< 10	10		ppbv	20	10/1/2003
trans-1,3-Dichloropropene	< 10	10		ppbv	20	10/1/2003
Trichloroethene	640	10	D2	ppbv	20	10/1/2003
Trichlorofluoromethane(F-11)	400	10	D2	ppbv	20	10/1/2003
Trichlorofluoroethane(F-113)	< 10	10		ppbv	20	10/1/2003
Vinyl acetate	< 10	10		ppbv	20	10/1/2003
Vinyl chloride	< 10	10		ppbv	20	10/1/2003
Sum: 4-Bromofluorobenzene	102	70-130		%REC	20	10/1/2003

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
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CLIENT: Basin & Range Hydrogeologists
Work Order: 03091226
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: MB-R39641	SampType: MBLK	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS05_031001A						
Client ID: ZZZZZ	Batch ID: R39641	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463578						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	< 0.50	0.50									
Bromomethane	< 0.50	0.50									
Carbon disulfide	< 0.50	0.50									
Carbon tetrachloride	< 0.50	0.50									
Chlorobenzene	< 0.50	0.50									
Chloroethane	< 0.50	0.50									
Chloroform	< 0.50	0.50									
Chloromethane	< 0.50	0.50									
cis-1,2-Dichloroethene	< 0.50	0.50									
cis-1,3-Dichloropropene	< 0.50	0.50									
Cyclohexane	< 0.50	0.50									
Dibromochloromethane	< 0.50	0.50									
Dichlorodifluoromethane(F-12)	< 0.50	0.50									
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50									
Ethyl Acetate	< 0.50	0.50									
Ethylbenzene	< 0.50	0.50									
Heptane	< 0.50	0.50									
Hexachlorobutadiene	< 1.0	1.0									
Hexane	< 0.50	0.50									
m&p-Xylene	< 1.0	1.0									
Methyl tert-butyl ether	< 1.0	1.0									
Methylene chloride	< 0.50	0.50									
o-Xylene	< 0.50	0.50									
Propene (Propylene)	< 1.0	1.0									
Styrene	< 0.50	0.50									
Tetrachloroethene	< 0.50	0.50									
Tetrahydrofuran	< 1.0	1.0									
Toluene	< 0.50	0.50									

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

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Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists
Work Order: 03091226
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: MB-R39641	SampType: MBLK	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS05_031001A						
Client ID: ZZZZZ	Batch ID: R39641	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463578						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.50	0.50									
1,1,2,2-Tetrachloroethane	< 0.50	0.50									
1,1,2-Trichloroethane	< 0.50	0.50									
1,1-Dichloroethane	< 0.50	0.50									
1,1-Dichloroethene	< 0.50	0.50									
1,2,4-Trichlorobenzene	< 1.0	1.0									
1,2,4-Trimethylbenzene	< 0.50	0.50									
1,2-Dibromoethane	< 0.50	0.50									
1,2-Dichlorobenzene	< 0.50	0.50									
1,2-Dichloroethane	< 0.50	0.50									
1,2-Dichloropropane	< 0.50	0.50									
1,3,5-Trimethylbenzene	< 0.50	0.50									
1,3-Butadiene	< 0.50	0.50									
1,3-Dichlorobenzene	< 0.50	0.50									
1,4-Dichlorobenzene	< 0.50	0.50									
2,2,4-Trimethylpentane	< 0.50	0.50									
2-Butanone (MEK)	< 1.0	1.0									
2-Hexanone	< 1.0	1.0									
2-Propanol	< 1.0	1.0									
4-Ethyltoluene	< 0.50	0.50									
4-Methyl-2-pentanone	< 1.0	1.0									
Acetone	< 5.0	5.0									
Allyl chloride	< 0.50	0.50									
Benzene	< 0.50	0.50									
Benzyl chloride	< 2.0	2.0									
Bromodichloromethane	< 0.50	0.50									
Bromoethene(Vinyl Bromide)	< 0.50	0.50									

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

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CLIENT: Basin & Range Hydrogeologists
Work Order: 03091226
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID	LCS-R39641	SampType:	LCS	TestCode:	TO15	Units:	ppbv	Prep Date:		Run ID:	MS05_031001A
Client ID:	ZZZZZ	Batch ID:	R39641	TestNo:	TO15			Analysis Date:	10/1/2003	SeqNo:	463580
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,2,4-Trimethylpentane	11.34	0.50	10	0	113	65	135	0	0		
2-Butanone (MEK)	12.18	1.0	10	0	122	65	135	0	0		
2-Hexanone	11.16	1.0	10	0	112	65	135	0	0		
2-Propanol	9.66	1.0	10	0	96.6	65	135	0	0		
4-Ethyltoluene	12.06	0.50	10	0	121	65	135	0	0		
4-Methyl-2-pentanone	12.52	1.0	10	0	125	65	135	0	0		
Acetone	9.25	5.0	10	0	92.5	65	135	0	0		
Allyl chloride	11.23	0.50	10	0	112	65	135	0	0		
Benzene	11.32	0.50	10	0	113	65	135	0	0		
Benzyl chloride	11.86	2.0	10	0	119	65	135	0	0		
Bromodichloromethane	10.07	0.50	10	0	101	65	135	0	0		
Bromoethene(Vinyl Bromide)	10.17	0.50	10	0	102	65	135	0	0		
Bromofom	10.51	0.50	10	0	105	65	135	0	0		
Bromomethane	9.97	0.50	10	0	99.7	65	135	0	0		
Carbon disulfide	9.44	0.50	10	0	94.4	65	135	0	0		
Carbon tetrachloride	10.26	0.50	10	0	103	65	135	0	0		
Chlorobenzene	10.21	0.50	10	0	102	65	135	0	0		
Chloroethane	10.17	0.50	10	0	102	65	135	0	0		
Chloroform	10.13	0.50	10	0	101	65	135	0	0		
Chloromethane	10	0.50	10	0	100	65	135	0	0		
cis-1,2-Dichloroethene	11.09	0.50	10	0	111	65	135	0	0		
cis-1,3-Dichloropropene	11.95	0.50	10	0	120	65	135	0	0		
Cyclohexane	12.62	0.50	10	0	126	65	135	0	0		
Dibromochloromethane	10.04	0.50	10	0	100	65	135	0	0		
Dichlorodifluoromethane(F-12)	9.78	0.50	10	0	97.8	65	135	0	0		
Dichlorotetrafluoroethane(F-114)	9.97	0.50	10	0	99.7	65	135	0	0		
Ethyl Acetate	11.89	0.50	10	0	119	65	135	0	0		
Ethylbenzene	11.79	0.50	10	0	118	65	135	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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■ Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803



CLIENT: Basin & Range Hydrogeologists
Work Order: 03091226
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID	MB-R39641	SampType:	MBLK	TestCode:	TO15	Units:	ppbv	Prep Date:		Run ID:	MS05_031001A
Client ID:	ZZZZZ	Batch ID:	R39641	TestNo:	TO15			Analysis Date:	10/1/2003	SeqNo:	463578
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	< 0.50	0.50									
trans-1,3-Dichloropropene	< 0.50	0.50									
Trichloroethene	< 0.50	0.50									
Trichlorofluoromethane(F-11)	< 0.50	0.50									
Trichlorotrifluoroethane(F-113)	< 0.50	0.50									
Vinyl acetate	< 0.50	0.50									
Vinyl chloride	< 0.50	0.50									
Surr: 4-Bromofluorobenzene	9.76	0.50	10	0	97.6	70	130	0	0		

Sample ID	LCS-R39641	SampType:	LCS	TestCode:	TO15	Units:	ppbv	Prep Date:		Run ID:	MS05_031001A
Client ID:	ZZZZZ	Batch ID:	R39641	TestNo:	TO15			Analysis Date:	10/1/2003	SeqNo:	463580
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.24	0.50	10	0	102	65	135	0	0		
1,1,2,2-Tetrachloroethane	9.94	0.50	10	0	99.4	65	135	0	0		
1,1,2-Trichloroethane	10.25	0.50	10	0	103	65	135	0	0		
1,1-Dichloroethane	10.58	0.50	10	0	106	65	135	0	0		
1,1-Dichloroethene	10.62	0.50	10	0	106	65	135	0	0		
1,2,4-Trichlorobenzene	9.66	1.0	10	0	96.6	65	135	0	0		
1,2,4-Trimethylbenzene	12.05	0.50	10	0	120	65	135	0	0		
1,2-Dibromoethane	10.44	0.50	10	0	104	65	135	0	0		
1,2-Dichlorobenzene	10.42	0.50	10	0	104	65	135	0	0		
1,2-Dichloroethane	10.49	0.50	10	0	105	65	135	0	0		
1,2-Dichloropropane	10.81	0.50	10	0	108	65	135	0	0		
1,3,5-Trimethylbenzene	11.88	0.50	10	0	119	65	135	0	0		
1,3-Butadiene	10.58	0.50	10	0	106	65	135	0	0		
1,3-Dichlorobenzene	10.45	0.50	10	0	104	65	135	0	0		
1,4-Dichlorobenzene	10.78	0.50	10	0	108	65	135	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 3 of 8

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Precision Analytical Laboratories
a division of Aerotech Laboratories, Inc.

CLIENT: Basin & Range Hydrogeologists
Work Order: 03091226
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: LCSD-R39641	SampType: LCSD	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS05_031001A						
Client ID: ZZZZZ	Batch ID: R39641	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463582						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	10.47	0.50	10	0	105	65	135	10.58	1.05	25	
1,1-Dichloroethene	10.64	0.50	10	0	106	65	135	10.82	0.188	25	
1,2,4-Trichlorobenzene	9.83	1.0	10	0	98.3	65	135	9.66	1.74	25	
1,2,4-Trimethylbenzene	12.05	0.50	10	0	121	65	135	12.05	0.249	25	
1,2-Dibromoethane	10.43	0.50	10	0	104	65	135	10.44	0.0958	25	
1,2-Dichlorobenzene	10.28	0.50	10	0	103	65	135	10.42	1.35	25	
1,2-Dichloroethane	10.35	0.50	10	0	104	65	135	10.49	1.34	25	
1,2-Dichloropropane	10.94	0.50	10	0	109	65	135	10.81	1.20	25	
1,3,5-Trimethylbenzene	11.89	0.50	10	0	119	65	135	11.88	0.0841	25	
1,3-Butadiene	10.38	0.50	10	0	104	65	135	10.58	1.91	25	
1,3-Dichlorobenzene	10.47	0.50	10	0	105	65	135	10.45	0.191	25	
1,4-Dichlorobenzene	10.71	0.50	10	0	107	65	135	10.78	0.651	25	
2,2,4-Trimethylpentane	11.41	0.50	10	0	114	65	135	11.34	0.615	25	
2-Butanone (MEK)	12.1	1.0	10	0	121	65	135	12.18	0.659	25	
2-Hexanone	11.18	1.0	10	0	112	65	135	11.16	0.179	25	
2-Propanol	9.87	1.0	10	0	98.7	65	135	9.66	2.15	25	
4-Ethyltoluene	12.05	0.50	10	0	121	65	135	12.06	0	25	
4-Methyl-2-pentanone	12.73	1.0	10	0	127	65	135	12.52	1.66	25	
Acetone	8.49	5.0	10	0	84.9	65	135	8.25	8.57	25	
Allyl chloride	11.36	0.50	10	0	114	65	135	11.23	1.15	25	
Benzene	11.37	0.50	10	0	114	65	135	11.32	0.441	25	
Benzyl chloride	11.96	2.0	10	0	120	65	135	11.86	0.840	25	
Bromodichloromethane	10.15	0.50	10	0	102	65	135	10.07	0.791	25	
Bromoethene(Vinyl Bromide)	9.93	0.50	10	0	99.3	65	135	10.17	2.39	25	
Bromoform	10.51	0.50	10	0	105	65	135	10.51	0	25	
Bromomethane	9.76	0.50	10	0	97.6	65	135	9.97	2.13	25	
Carbon disulfide	9.35	0.50	10	0	93.6	65	135	9.44	0.851	25	
Carbon tetrachloride	10.14	0.50	10	0	101	65	135	10.26	1.18	25	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

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Precision Analytical Laboratories
a division of Aerotech Laboratories, Inc.

CLIENT: Basin & Range Hydrogeologists
Work Order: 03091226
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: LCS-R39641	SampType: LCS	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS05_031001A						
Client ID: ZZZZZ	Batch ID: R39641	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463590						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Heptane	11.13	0.50	10	0	111	65	135	0	0		
Hexachlorobutadiene	9.41	1.0	10	0	94.1	65	135	0	0		
Hexane	11.45	0.50	10	0	114	65	135	0	0		
m&p-Xylene	23.82	1.0	20	0	119	65	135	0	0		
Methyl tert-butyl ether	11.95	1.0	10	0	120	65	135	0	0		
Methylene chloride	9.01	0.50	10	0	90.1	65	135	0	0		
o-Xylene	11.75	0.50	10	0	118	65	135	0	0		
Propene (Propylene)	11.75	1.0	10	0	118	65	135	0	0		
Styrene	12.46	0.50	10	0	125	65	135	0	0		
Tetrachloroethene	10.37	0.50	10	0	104	65	135	0	0		
Tetrahydrofuran	11.98	1.0	10	0	120	65	135	0	0		
Toluene	12.09	0.50	10	0	121	65	135	0	0		
trans-1,2-Dichloroethene	10.58	0.50	10	0	106	65	135	0	0		
trans-1,3-Dichloropropene	11.86	0.50	10	0	119	65	135	0	0		
Trichloroethene	10.31	0.50	10	0	103	65	135	0	0		
Trichlorofluoromethane(F-11)	10.32	0.50	10	0	103	65	135	0	0		
Trichlorotrifluoroethane(F-113)	9.82	0.50	10	0	98.2	65	135	0	0		
Vinyl acetate	12.26	0.50	10	0	123	65	135	0	0		
Vinyl chloride	10.23	0.50	10	0	102	65	135	0	0		
Surr: 4-Bromofluorobenzene	10.44	0.50	10	0	104	70	130	0	0		

Sample ID	LCSD-R39641	SampType: LCSD	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS05_031001A					
Client ID:	ZZZZZ	Batch ID: R39641	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463582					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.08	0.50	10	0	101	65	135	10.24	1.57	25	
1,1,2,2-Tetrachloroethane	9.91	0.50	10	0	99.1	65	135	9.94	0.302	25	
1,1,2-Trichloroethane	10.25	0.50	10	0	103	65	135	10.25	0	25	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

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CLIENT: Basin & Range Hydrogeologists
Work Order: 03091226
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: LCSD-R39841	SampType: LCSD	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS05_031001A						
Client ID: ZZZZ	Batch ID: R39841	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463582						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichlorotrifluoroethane(F-113)	9.84	0.50	10	0	98.4	65	135	9.82	0.203	25	
Vinyl acetate	12.28	0.50	10	0	123	65	135	12.26	0.163	25	
Vinyl chloride	10.23	0.50	10	0	102	65	135	10.23	0	25	
Surr: 4-Bromofluorobenzene	10.37	0.50	10	0	104	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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■ Corporate Address: 1501 W. Knudsen Drive, Phoenix, Arizona 85027 Phone: 623.780.4800 Toll Free: 800.651.4802 Fax: 623.780.7695 www.aerotechlabs.com
■ Main Laboratory: 4845 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 888.772.5227 Fax: 623.445.6192 www.palabs.com
■ Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 620.807.3801 Fax: 620.807.3803



CLIENT: Basin & Range Hydrogeologists
Work Order: 03091226
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: LCSD-R39641	SampType: LCSD	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS05_031001A						
Client ID: ZZZZZ	Batch ID: R39641	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463582						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	10.29	0.50	10	0	103	65	135	10.21	0.780	25	
Chloroethane	9.96	0.50	10	0	99.6	65	135	10.17	2.09	25	
Chloroform	10.1	0.50	10	0	101	65	135	10.13	0.297	25	
Chloromethane	9.76	0.50	10	0	97.6	65	135	10	2.43	25	
cis-1,2-Dichloroethene	10.94	0.50	10	0	109	65	135	11.09	1.36	25	
cis-1,3-Dichloropropene	11.99	0.50	10	0	120	65	135	11.95	0.334	25	
Cyclohexane	12.55	0.50	10	0	126	65	135	12.62	0.556	25	
Dibromochloromethane	10.14	0.50	10	0	101	65	135	10.04	0.991	25	
Dichlorodifluoromethane(F-12)	9.71	0.50	10	0	97.1	65	135	9.78	0.718	25	
Dichlorotetrafluoroethane(F-114)	9.86	0.50	10	0	98.6	65	135	9.97	1.11	25	
Ethyl Acetate	11.94	0.50	10	0	119	65	135	11.89	0.420	25	
Ethylbenzene	11.8	0.50	10	0	118	65	135	11.79	0.0848	25	
Heptane	11.22	0.50	10	0	112	65	135	11.13	0.805	25	
Hexachlorobutadiene	9.4	1.0	10	0	94	65	135	9.41	0.106	25	
Hexane	11.39	0.50	10	0	114	65	135	11.45	0.525	25	
m&p-Xylene	23.74	1.0	20	0	119	65	135	23.82	0.336	25	
Methyl tert-butyl ether	11.9	1.0	10	0	119	65	135	11.95	0.419	25	
Methylene chloride	9.05	0.50	10	0	90.5	65	135	9.01	0.443	25	
o-Xylene	11.73	0.50	10	0	117	65	135	11.75	0.170	25	
Propene (Propylene)	11.8	1.0	10	0	118	65	135	11.75	0.425	25	
Styrene	12.51	0.50	10	0	125	65	135	12.46	0.400	25	
Tetrachloroethene	10.38	0.50	10	0	104	65	135	10.37	0.0964	25	
Tetrahydrofuran	11.91	1.0	10	0	119	65	135	11.98	0.586	25	
Toluene	12.04	0.50	10	0	120	65	135	12.09	0.414	25	
trans-1,2-Dichloroethene	10.57	0.50	10	0	106	65	135	10.58	0.0946	25	
trans-1,3-Dichloropropene	12.06	0.50	10	0	121	65	135	11.86	1.67	25	
Trichloroethene	10.3	0.50	10	0	103	65	135	10.31	0.0970	25	
Trichlorofluoromethane(F-11)	10.04	0.50	10	0	100	65	135	10.32	2.75	25	

Qualifiers: ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

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CHAIN-OF-CUSTODY RECORD

**BASIN & RANGE
HYDROGEOLOGISTS**
ANALYTICAL LABORATORIES

Electronic Data Deliverable Required?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Start Date:	9/30/03
Completion Date:	9/30/03
Site Identification:	Air Liquide
Project or Release No.:	23018.016

Deadline for web/e-mail results:	10/15/03
Deadline for final report:	10/17/03

0-309-1226

Page 1 of 1

Send Analytical Report To:
BASIN & RANGE HYDROGEOLOGISTS, INC.
 2800 North 24th Street, Phoenix, Arizona, 85008
 Attention: Ray Craft

Phone: 602-840-3333
 Fax: 602-840-8011
 Email: rcraft@basin-and-range.com

Send Invoice To:

Company: **BASIN & RANGE** Attention: **D. Chapman**
 Address: **2800 North 24th Street, Phoenix, AZ**
 Phone No.: **602-840-3333** Fax No.: **602-840-8011**

Environmental Laboratory Information:

Company: **Precision Analytical Laboratories**
 Address: **4545 East Cotton Center Blvd. Bldg. 3 Suite 189, Phoenix, AZ 85040**
 Phone No.: **602-437-3340** Fax No.: **602-445-6192**

Sample Identification Code	Sample Date	Sample Time	Container Serial #	Matrix	Containers	Laboratory ID	Analyses Requested	Special Notes
AL-SG28-0903	9/30/03	10:47	00613	AIR	1		X	
AL-Air Field Blank-0903	9/30/03	11:45	00222	AIR	1		X	
AL-SG29-0903	9/30/03	12:36	00734	AIR	1		X	
AL-Air Equipment Blank-0903	9/30/03	13:26	00235	AIR	1		X	
AL-SG30-0903	9/30/03	14:27	00189	AIR	1		X	

Sample(s) Name(s):

Chris Heinrichs

Data Quality Objectives or Additional Instructions

Precision Analytical is authorized to charge a total of \$2650.00 (3 back up canisters @ \$50 a piece).
 Please see attached table, TABLE 1 for target analytes and their appropriate PQLs.
 One or more of the following compounds must be used as QC spikes: 1,1,1-Trichloroethane, 1,1-Dichloroethene, 1,1-Dichloroethane, Trichloroethene, Tetrachloroethene.

1. Relinquished By (Company Name): Basin & Range Hydrogeologists	2. Received By (Company Name): PAC	3. Relinquished By (Company Name):	4. Received By (Company Name):
Print Name: <u>Chris Heinrichs</u>	Print Name: <u>Tracy MacArthur</u>	Print Name: _____	Print Name: _____
Signature: <u>[Signature]</u>	Signature: <u>[Signature]</u>	Signature: _____	Signature: _____
Date: <u>9-30-03</u> Time: <u>1753</u>	Date: <u>9-30-03</u> Time: <u>1753</u>	Date: _____ Time: _____	Date: _____ Time: _____

Sample Receipt Checklist

Client Name Basin & RangeLab Number 0-309-1226Checklist completed by T. MacArthur

Signature

Matrix: AirCarrier name: Chris H.

Project Checked By: _____

Date and Time Received 9-30-03 1753Received by T.M.

Containers: _____

Date

 Brass Sleeves _____
 Glass Jars _____
 Methanol Kits _____

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>

Chain of custody present?

Chain of custody signed when relinquished and received?

Chain of custody agrees with sample labels?

Samples in proper container/bottle?

Sample containers intact?

All samples received within holding time?

Do different containers of the same sample vary in appearance? Yes ☐ No ☒ (If yes, contact PM)Water - VOA vials have zero headspace? Yes ☒ No ☐Number of sample bottles? 5 Acid Preserved: _____ Decolorator: _____ Unpreserved: _____ NaOH: _____Temperature of samples? Ambient °C Blue Ice _____ Wet Ice _____ Not Present ☒Water - pH acceptable upon receipt? Yes ☐ No ☐ Not applicable ☒

pH: Metals _____ 413.1 _____ Total Phenols _____

Cyanide _____ 418.1 _____

Nutrients _____ Sulfide _____

Adjusted? _____ Results? _____

Any/No responses must be detailed in the comments section below.

Person/Client contacted: _____

Date contacted: _____

Contacted by: _____

Comments: Didn't receive a grab sample with sample #5.

Corrective Action: _____



Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

November 07, 2003

Ray Craft
Basin & Range Hydrogeologists
2800 N 24th St
Phoenix, AZ 85008

RE: Air Liquide/23018.016

Dear Ray Craft:

Order 03091226

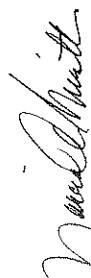
This report has been amended to include Method TO-15 results in $\mu\text{g}/\text{m}^3$ units.

Precision Analytical Laboratories received 5 samples on 9/30/2003 for the analyses presented in the following report.

This report includes the following information:

- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.


Margie A. Smith
Vice President - Client Services



Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists Client Sample ID: AL-SG28-0903
Lab Order: 03091226 Tag Number: 00613
Project: Air Liquide/23018.016 Collection Date: 9/30/2003 10:47:00 AM
Lab ID: 03091226-01A Matrix: AIR

Analyses	ppbv		µg/m³		Qual	DF	Date Analyzed
	Result	Limit	Result	Limit			
VOLATILE ORGANICS IN AIR							
1,1,1-Trichloroethane	25	TO15	140	55	D2	20	Analyst: JG 10/1/2003
1,1,2,2-Tetrachloroethane	< 10	10	< 70	70		20	10/1/2003
1,1,2-Trichloroethane	< 10	10	< 55	55		20	10/1/2003
1,1-Dichloroethane	380	10	1600	41	D2	20	10/1/2003
1,1-Dichloroethene	1400	30	5600	120	D2	60	10/1/2003
1,2,4-Trichlorobenzene	< 20	20	< 150	150		20	10/1/2003
1,2,4-Trimethylbenzene	120	10	600	50	D2	20	10/1/2003
1,2-Dibromoethane	< 10	10	< 78	78		20	10/1/2003
1,2-Dichlorobenzene	< 10	10	< 61	61		20	10/1/2003
1,2-Dichloroethane	< 10	10	< 41	41		20	10/1/2003
1,2-Dichloropropane	< 10	10	< 47	47		20	10/1/2003
1,3,5-Trimethylbenzene	27	10	130	50	D2	20	10/1/2003
1,3-Butadiene	< 10	10	< 22	22		20	10/1/2003
1,3-Dichlorobenzene	< 10	10	< 61	61		20	10/1/2003
1,4-Dichlorobenzene	< 10	10	< 61	61		20	10/1/2003
2,2,4-Trimethylpentane	11	10	26	24	D2	20	10/1/2003
2-Butanone (MEK)	150	20	450	60	D2	20	10/1/2003
2-Hexanone	< 20	20	< 83	83		20	10/1/2003
2-Propanol	< 20	20	< 50	50		20	10/1/2003
4-Ethyltoluene	62	10	270	44	D2	20	10/1/2003
4-Methyl-2-pentanone	< 20	20	< 83	83		20	10/1/2003
Acetone	< 100	100	< 240	240		20	10/1/2003
Allyl chloride	< 10	10	< 16	16		20	10/1/2003
Benzene	290	10	940	32	D2	20	10/1/2003
Benzyl chloride	< 40	40	< 210	210		20	10/1/2003
Bromodichloromethane	< 10	10	< 68	68		20	10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



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a division of Aerotech Laboratories, Inc.

Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Project: Air Liquide/23018.016
Lab ID: 03091226-01A

Client Sample ID: AL-SG28-0903
Tag Number: 00613
Collection Date: 9/30/2003 10:47:00 AM
Matrix: AIR

Analyses	ppbv		µg/m³		Limit	Qual	DF	Date Analyzed
	Result	Limit	Result	Limit				
VOLATILE ORGANICS IN AIR								
Bromethane(Vinyl Bromide)	< 10	10	< 22	22	20	10/1/2003	Analyst: JG	
Bromobenzene	< 10	10	< 100	100	20	10/1/2003		
Bromomethane	< 10	10	< 40	40	20	10/1/2003		
Carbon disulfide	< 10	10	< 32	32	20	10/1/2003		
Carbon tetrachloride	< 10	10	< 64	64	20	10/1/2003		
Chlorobenzene	< 10	10	< 47	47	20	10/1/2003		
Chloroethane	< 10	10	< 27	27	20	10/1/2003		
Chloroform	24	10	120	50	D2	20	10/1/2003	
Chloromethane	< 10	10	< 21	21	20	10/1/2003		
cis-1,2-Dichloroethene	< 10	10	< 40	40	20	10/1/2003		
cis-1,3-Dichloropropene	< 10	10	< 46	46	20	10/1/2003		
Cyclohexane	< 10	10	< 35	35	20	10/1/2003		
Dibromochloromethane	< 10	10	< 86	86	20	10/1/2003		
Dichlorodifluoromethane(F-12)	< 10	10	< 50	50	20	10/1/2003		
Dichlorotetrafluoroethane(F-114)	< 10	10	< 71	71	20	10/1/2003		
Ethyl Acetate	< 10	10	< 37	37	20	10/1/2003		
Ethylbenzene	200	10	880	44	D2	20	10/1/2003	
Heptane	180	10	750	42	D2	20	10/1/2003	
Hexachlorobutadiene	< 20	20	< 220	220	20	10/1/2003		
Hexane	120	10	430	36	D2	20	10/1/2003	
m&p-Xylene	660	20	2900	88	D2	20	10/1/2003	
Methyl tert-butyl ether	99	20	360	73	D2	20	10/1/2003	
Methylene chloride	< 10	10	< 35	35	20	10/1/2003		
o-Xylene	150	10	660	44	D2	20	10/1/2003	
Propene (Propylene)	580	20	1000	35	D2	20	10/1/2003	
Styrene	< 10	10	< 43	43	20	10/1/2003		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803
1401 W. Knickerbocker Drive Chandler, Arizona 85227 Phone: 480.844.4600 Fax: 480.760.7600

Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Project: Air Liquide/23018.016
Lab ID: 03091226-01A

Client Sample ID: AL-SG28-0903
Tag Number: 00613
Collection Date: 9/30/2003 10:47:00 AM
Matrix: AIR

Analyses	ppbv		µg/m³		Qual	DF	Date Analyzed
	Result	Limit	Result	Limit			
VOLATILE ORGANICS IN AIR							
Tetrachloroethene	770	10	5300	69	D2	20	10/1/2003
Tetrahydrofuran	< 20	20	< 60	60		20	10/1/2003
Toluene	990	10	3800	38	D2	20	10/1/2003
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	10/1/2003
trans-1,3-Dichloropropene	< 10	10	< 46	46		20	10/1/2003
Trichloroethene	280	10	1500	55	D2	20	10/1/2003
Trichlorofluoromethane(F-11)	270	10	1500	57	D2	20	10/1/2003
Trichlorotrifluoroethane(F-113)	< 10	10	< 78	78		20	10/1/2003
Vinyl acetate	< 10	10	< 35	35		20	10/1/2003
Vinyl chloride	< 10	10	< 26	26		20	10/1/2003
Surr: 4-Bromofluorobenzene	101 %REC	70-130	-	-		20	10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit
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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Project: Air Liquide/23018.016
Lab ID: 03091226-02A

Client Sample ID: AL-Air Field Blank-0903
Tag Number: 00222
Collection Date: 9/30/2003 11:45:00 AM
Matrix: AIR

Analyses	ppbv		µg/m³		Qual	DF	Date Analyzed
	Result	Limit	Result	Limit			
VOLATILE ORGANICS IN AIR							
1,1,1-Trichloroethane	< 0.50	0.50	< 2.8	2.8	1		Analyst: JG 10/1/2003
1,1,2,2-Tetrachloroethane	< 0.50	0.50	< 3.5	3.5	1		10/1/2003
1,1,2-Trichloroethane	< 0.50	0.50	< 2.8	2.8	1		10/1/2003
1,1-Dichloroethane	< 0.50	0.50	< 2.1	2.1	1		10/1/2003
1,1-Dichloroethane	< 0.50	0.50	< 2.0	2.0	1		10/1/2003
1,2,4-Trichlorobenzene	< 1.0	1.0	< 7.5	7.5	1		10/1/2003
1,2,4-Trimethylbenzene	< 0.50	0.50	< 2.5	2.5	1		10/1/2003
1,2-Dibromoethane	< 0.50	0.50	< 3.9	3.9	1		10/1/2003
1,2-Dichlorobenzene	< 0.50	0.50	< 3.1	3.1	1		10/1/2003
1,2-Dichloroethane	< 0.50	0.50	< 2.1	2.1	1		10/1/2003
1,2-Dichloropropane	< 0.50	0.50	< 2.4	2.4	1		10/1/2003
1,3,5-Trimethylbenzene	< 0.50	0.50	< 2.5	2.5	1		10/1/2003
1,3-Butadiene	< 0.50	0.50	< 1.1	1.1	1		10/1/2003
1,3-Dichlorobenzene	< 0.50	0.50	< 3.1	3.1	1		10/1/2003
1,4-Dichlorobenzene	< 0.50	0.50	< 3.1	3.1	1		10/1/2003
2,2,4-Trimethylpentane	< 0.50	0.50	< 1.2	1.2	1		10/1/2003
2-Butanone (MEK)	1.2	1.0	3.6	3.0	1		10/1/2003
2-Hexanone	< 1.0	1.0	< 4.2	4.2	1		10/1/2003
2-Propanol	< 1.0	1.0	< 2.5	2.5	1		10/1/2003
4-Ethyltoluene	< 0.50	0.50	< 2.2	2.2	1		10/1/2003
4-Methyl-2-pentanone	< 1.0	1.0	< 4.2	4.2	1		10/1/2003
Acetone	19	5.0	46	12	1		10/1/2003
Allyl chloride	< 0.50	0.50	< 0.80	0.80	1		10/1/2003
Benzene	< 0.50	0.50	< 1.6	1.6	1		10/1/2003
Benzyl chloride	< 2.0	2.0	< 11	11	1		10/1/2003
Bromodichloromethane	< 0.50	0.50	< 3.4	3.4	1		10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

In Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 188 Phoenix, AZ 85040 Phone: 602.437.3540 Toll Free: 866.772.5227 Fax: 602.445.6182 www.aerotechlabs.com
Tucson Facility: 4405 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3601 Fax: 520.807.3603
Phoenix Address: 4401 W. Camelback Road, Suite 100 Phoenix, AZ 85015 Phone: 602.437.3540 Toll Free: 866.772.5227 Fax: 602.445.6182

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Analyses	ppbv		µg/m³		Qual	DF	Date Analyzed
	Result	Limit	Result	Limit			
VOLATILE ORGANICS IN AIR							
Bromoethane(Vinyl Bromide)	< 0.50	0.50	< 1.1	1.1	1	10/1/2003	Analyst- JG
Bromoforn	< 0.50	0.50	< 5.2	5.2	1	10/1/2003	
Bromomethane	< 0.50	0.50	< 2.0	2.0	1	10/1/2003	
Carbon disulfide	< 0.50	0.50	< 1.6	1.6	1	10/1/2003	
Carbon tetrachloride	< 0.50	0.50	< 3.2	3.2	1	10/1/2003	
Chlorobenzene	< 0.50	0.50	< 2.4	2.4	1	10/1/2003	
Chloroethane	< 0.50	0.50	< 1.3	1.3	1	10/1/2003	
Chloroform	< 0.50	0.50	< 2.5	2.5	1	10/1/2003	
Chloromethane	0.74	0.50	1.6	1.0	1	10/1/2003	
cis-1,2-Dichloroethane	< 0.50	0.50	< 2.0	2.0	1	10/1/2003	
cis-1,3-Dichloropropane	< 0.50	0.50	< 2.3	2.3	1	10/1/2003	
Cyclohexane	< 0.50	0.50	< 1.7	1.7	1	10/1/2003	
Dibromochloromethane	< 0.50	0.50	< 4.3	4.3	1	10/1/2003	
Dichlorodifluoromethane(F-12)	0.74	0.50	3.7	2.5	1	10/1/2003	
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50	< 3.6	3.6	1	10/1/2003	
Ethyl Acetate	< 0.50	0.50	< 1.8	1.8	1	10/1/2003	
Ethylbenzene	< 0.50	0.50	< 2.2	2.2	1	10/1/2003	
Heptane	< 0.50	0.50	< 2.1	2.1	1	10/1/2003	
Hexachlorobutadiene	< 1.0	1.0	< 11	11	1	10/1/2003	
Hexane	0.63	0.50	2.2	1.8	1	10/1/2003	
m&p-Xylene	< 1.0	1.0	< 4.4	4.4	1	10/1/2003	
Methyl tert-butyl ether	1.2	1.0	4.4	3.7	1	10/1/2003	
Methylene chloride	< 0.50	0.50	< 1.8	1.8	1	10/1/2003	
o-Xylene	< 0.50	0.50	< 2.2	2.2	1	10/1/2003	
Propane (Propylene)	2.4	1.0	4.2	1.8	1	10/1/2003	
Styrene	< 0.50	0.50	< 2.2	2.2	1	10/1/2003	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Project: Air Liquide/23018.016
Lab ID: 03091226-02A
Matrix: AIR

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Project: Air Liquide/23018.016
Lab ID: 03091226-03A
Matrix: AIR

Date: 07-Nov-03

Analyses	Result	Limit	ppbv	Result	Limit	µg/m ³	DF	Qual	Date Analyzed
VOLATILE ORGANICS IN AIR									
Tetrachloroethene	< 0.50	0.50	TO15	25	10	140	55	D2	Analyst: JG 10/1/2003
Tetrahydrofuran	< 1.0	1.0		< 10	10	< 70	70		10/1/2003
Toluene	2.0	0.50		< 10	10	< 55	55		10/1/2003
trans-1,2-Dichloroethene	< 0.50	0.50		430	10	1800	41	D2	10/1/2003
trans-1,3-Dichloropropene	< 0.50	0.50		910	10	3700	40	D2	10/1/2003
Trichloroethene	< 0.50	0.50		< 20	20	< 150	150		10/1/2003
Trichlorofluoromethane(F-11)	< 0.50	0.50		49	10	240	50	D2	10/1/2003
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		< 10	10	< 78	78		10/1/2003
Vinyl acetate	< 0.50	0.50		< 10	10	< 61	61		10/1/2003
Vinyl chloride	< 0.50	0.50		< 10	10	< 41	41		10/1/2003
Surr. 4-Bromofluorobenzene	100 wrec	70-130		< 10	10	< 47	47		10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 623.445.6192 www.aerotechlabs.com
Facility: 4453 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803
Corvallis Address: 4501 W. Klamath Falls, Oregon 97603 Phone: 503.755.1000 Fax: 503.755.1001

Analyses	Result	Limit	ppbv	Result	Limit	µg/m ³	DF	Qual	Date Analyzed
VOLATILE ORGANICS IN AIR									
1,1,1-Trichloroethane	25	10	TO15	25	10	140	55	D2	Analyst: JG 10/1/2003
1,1,2,2-Tetrachloroethane	< 10	10		< 10	10	< 70	70		10/1/2003
1,1,2-Trichloroethane	< 10	10		< 55	55				10/1/2003
1,1-Dichloroethane	430	10		1800	41	D2	20	10/1/2003	
1,1-Dichloroethene	910	10		3700	40	D2	20	10/1/2003	
1,2,4-Trichlorobenzene	< 20	20		< 150	150				10/1/2003
1,2,4-Trimethylbenzene	49	10		240	50	D2	20	10/1/2003	
1,2-Dibromoethane	< 10	10		< 78	78				10/1/2003
1,2-Dichlorobenzene	< 10	10		< 61	61				10/1/2003
1,2-Dichloroethane	< 10	10		< 41	41				10/1/2003
1,2-Dichloropropane	< 10	10		< 47	47				10/1/2003
1,3,5-Trimethylbenzene	11	10		55	50	D2	20	10/1/2003	
1,3-Butadiene	< 10	10		< 22	22				10/1/2003
1,3-Dichlorobenzene	< 10	10		< 61	61				10/1/2003
1,4-Dichlorobenzene	< 10	10		< 61	61				10/1/2003
2,2,4-Trimethylpentane	< 10	10		< 24	24				10/1/2003
2-Butanone (MEK)	< 20	20		< 60	60				10/1/2003
2-Hexanone	< 20	20		< 83	83				10/1/2003
2-Propanol	< 20	20		< 50	50				10/1/2003
4-Ethyltoluene	23	10		100	44	D2	20	10/1/2003	
4-Methyl-2-pentanone	< 20	20		< 83	83				10/1/2003
Acetone	140	100		340	240	D2	20	10/1/2003	
Allyl chloride	< 10	10		< 16	16				10/1/2003
Benzene	10	10		32	32	D2	20	10/1/2003	
Benzyl chloride	< 40	40		< 210	210				10/1/2003
Bromodichloromethane	< 10	10		< 68	68				10/1/2003

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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Project: Air Liquide/23018.016
Lab ID: 03091226-03A
Client Sample ID: AL-SG29-0903
Tag Number: 00734
Collection Date: 9/30/2003 12:36:00 PM
Matrix: AIR

Analyses	ppbv		µg/m³		Limit	Qual	DF	Date Analyzed
	Result	Limit	Result	Limit				
VOLATILE ORGANICS IN AIR								
Bromoethene(Vinyl Bromide)	< 10	TO15	< 22	22	20		10/1/2003	Analyst: JG
Bromoforn	< 10	10	< 100	100	20		10/1/2003	
Bromomethane	< 10	10	< 40	40	20		10/1/2003	
Carbon disulfide	< 10	10	< 32	32	20		10/1/2003	
Carbon tetrachloride	< 10	10	< 64	64	20		10/1/2003	
Chlorobenzene	< 10	10	< 47	47	20		10/1/2003	
Chloroethane	< 10	10	< 27	27	20		10/1/2003	
Chloroform	31	10	150	50	D2		10/1/2003	
Chloromethane	< 10	10	< 21	21	20		10/1/2003	
cis-1,2-Dichloroethene	20	10	80	40	D2		10/1/2003	
cis-1,3-Dichloropropene	< 10	10	< 46	46	20		10/1/2003	
Cyclohexane	< 10	10	< 35	35	20		10/1/2003	
Dibromochloromethane	< 10	10	< 86	86	20		10/1/2003	
Dichlorodifluoromethane(F-12)	< 10	10	< 50	50	20		10/1/2003	
Dichlorotetrafluoroethane(F-114)	< 10	10	< 71	71	20		10/1/2003	
Ethyl Acetate	< 10	10	< 37	37	20		10/1/2003	
Ethylbenzene	40	10	180	44	D2		10/1/2003	
Heptane	< 10	10	< 42	42	20		10/1/2003	
Hexachlorobutadiene	< 20	20	< 220	220	20		10/1/2003	
Hexane	< 10	10	< 36	36	20		10/1/2003	
m&p-Xylene	170	20	750	86	D2		10/1/2003	
Methyl tert-butyl ether	< 20	20	< 73	73	20		10/1/2003	
Methylene chloride	< 10	10	< 35	35	20		10/1/2003	
o-Xylene	42	10	180	44	D2		10/1/2003	
Propene (Propylene)	50	20	88	35	D2		10/1/2003	
Styrene	< 10	10	< 43	43	20		10/1/2003	

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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Project: Air Liquide/23018.016
Lab ID: 03091226-03A
Client Sample ID: AL-SG29-0903
Tag Number: 00734
Collection Date: 9/30/2003 12:36:00 PM
Matrix: AIR

Analyses	ppbv		µg/m³		Qual	DF	Date Analyzed
	Result	Limit	Result	Limit			
VOLATILE ORGANICS IN AIR							
Tetrachloroethene	6000	100	41000	680	D2	200	Analyst: JG 10/1/2003
Tetrahydrofuran	< 20	20	< 60	60		20	10/1/2003
Toluene	110	10	420	38	D2	20	10/1/2003
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	10/1/2003
trans-1,3-Dichloropropene	< 10	10	< 46	46		20	10/1/2003
Trichloroethene	570	10	3700	55	D2	20	10/1/2003
Trichlorofluoromethane(F-11)	150	10	860	57	D2	20	10/1/2003
Trichlorotrifluoroethane(F-113)	< 10	10	< 78	78		20	10/1/2003
Vinyl acetate	< 10	10	< 36	36		20	10/1/2003
Vinyl chloride	< 10	10	< 26	26		20	10/1/2003
Surr: 4-Bromofluorobenzene	100 WASC	70-130	-	-		20	10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Project: Air Liquide/23018.016
Lab ID: 03091226-04A

Client Sample ID: AL-Air Equipment Blank-0903
Tag Number: 00235
Collection Date: 9/30/2003 1:26:00 PM
Matrix: AIR

Analyses	ppbv		µg/m³		Limit	Qual	DF	Date Analyzed
	Result	Limit	Result	Limit				
VOLATILE ORGANICS IN AIR								
1,1,1-Trichloroethane	< 0.50	TO15	< 2.8	2.8	1		Analyst: JG	10/12/2003
1,1,2,2-Tetrachloroethane	< 0.50	0.50	< 3.5	3.5	1			10/1/2003
1,1,2-Trichloroethane	< 0.50	0.50	< 2.8	2.8	1			10/1/2003
1,1-Dichloroethane	< 0.50	0.50	< 2.1	2.1	1			10/1/2003
1,1-Dichloroethene	< 0.50	0.50	< 2.0	2.0	1			10/1/2003
1,2,4-Trichlorobenzene	< 1.0	1.0	< 7.5	7.5	1			10/1/2003
1,2,4-Trimethylbenzene	2.0	0.50	10	2.5	1			10/1/2003
1,2-Dibromoethane	< 0.50	0.50	< 3.9	3.9	1			10/1/2003
1,2-Dichlorobenzene	< 0.50	0.50	< 3.1	3.1	1			10/1/2003
1,2-Dichloroethane	< 0.50	0.50	< 2.1	2.1	1			10/1/2003
1,2-Dichloropropane	< 0.50	0.50	< 2.4	2.4	1			10/1/2003
1,3,5-Trimethylbenzene	< 0.50	0.50	< 2.5	2.5	1			10/1/2003
1,3-Butadiene	< 0.50	0.50	< 1.1	1.1	1			10/1/2003
1,3-Dichlorobenzene	< 0.50	0.50	< 3.1	3.1	1			10/1/2003
1,4-Dichlorobenzene	12	0.50	73	3.1	1			10/1/2003
2,2,4-Trimethylpentane	< 0.50	0.50	< 1.2	1.2	1			10/1/2003
2-Butanone (MEK)	1.4	1.0	4.2	3.0	1			10/1/2003
2-Hexanone	< 1.0	1.0	< 4.2	4.2	1			10/1/2003
2-Propanol	< 1.0	1.0	< 2.5	2.5	1			10/1/2003
4-Ethyltoluene	< 0.50	0.50	< 2.2	2.2	1			10/1/2003
4-Methyl-2-pentanone	< 1.0	1.0	< 4.2	4.2	1			10/1/2003
Acetone	59	10	140	24	D2	2		10/1/2003
Allyl chloride	< 0.50	0.50	< 0.80	0.80	1			10/1/2003
Benzene	0.96	0.50	3.1	1.6	1			10/1/2003
Benzyl chloride	< 2.0	2.0	< 11	11	1			10/1/2003
Bromodichloromethane	< 0.50	0.50	< 3.4	3.4	1			10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Project: Air Liquide/23018.016
Lab ID: 03091226-04A

Client Sample ID: AL-Air Equipment Blank-0903
Tag Number: 00235
Collection Date: 9/30/2003 1:26:00 PM
Matrix: AIR

Analyses	ppbv		µg/m³		Qual	DF	Date Analyzed
	Result	Limit	Result	Limit			
VOLATILE ORGANICS IN AIR							
Bromochloroethane(Vinyl Bromide)	< 0.50	0.50	< 1.1	1.1	1	10/1/2003	Analyst: JG
Bromoform	< 0.50	0.50	< 5.2	5.2	1	10/1/2003	
Bromomethane	< 0.50	0.50	< 2.0	2.0	1	10/1/2003	
Carbon disulfide	< 0.50	0.50	< 1.6	1.6	1	10/1/2003	
Carbon tetrachloride	< 0.50	0.50	< 3.2	3.2	1	10/1/2003	
Chlorobenzene	< 0.50	0.50	< 2.4	2.4	1	10/1/2003	
Chloroethane	< 0.50	0.50	< 1.3	1.3	1	10/1/2003	
Chloroform	< 0.50	0.50	< 2.5	2.5	1	10/1/2003	
Chloromethane	0.99	0.50	1.2	1.0	1	10/1/2003	
cis-1,2-Dichloroethene	< 0.50	0.50	< 2.0	2.0	1	10/1/2003	
cis-1,3-Dichloropropene	< 0.50	0.50	< 2.3	2.3	1	10/1/2003	
Cyclohexane	< 0.50	0.50	< 1.7	1.7	1	10/1/2003	
Dibromochloromethane	< 0.50	0.50	< 4.3	4.3	1	10/1/2003	
Dichlorodifluoromethane(F-12)	0.69	0.50	3.5	2.5	1	10/1/2003	
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50	< 3.6	3.6	1	10/1/2003	
Ethyl Acetate	< 0.50	0.50	< 1.8	1.8	1	10/1/2003	
Ethylbenzene	1.1	0.50	4.8	2.2	1	10/1/2003	
Heptane	< 0.50	0.50	< 2.1	2.1	1	10/1/2003	
Hexachlorobutadiene	< 1.0	1.0	< 11	11	1	10/1/2003	
Hexane	0.61	0.50	2.2	1.8	1	10/1/2003	
m&p-Xylene	4.2	1.0	18	4.4	1	10/1/2003	
Methyl tert-butyl ether	1.5	1.0	5.5	3.7	1	10/1/2003	
Methylene chloride	< 0.50	0.50	< 1.8	1.8	1	10/1/2003	
o-Xylene	1.4	0.50	6.2	2.2	1	10/1/2003	
Propene (Propylene)	3.1	1.0	5.4	1.8	1	10/1/2003	
Styrene	< 0.50	0.50	< 2.2	2.2	1	10/1/2003	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226 Client Sample ID: AL-Air Equipment Blank-0903
Tag Number: 00235
Project: Air Liquide/23018.016 Collection Date: 9/30/2003 1:26:00 PM
Lab ID: 03091226-04A Matrix: AIR

Analyses	Result	Limit	ppbv	Qual	DF	Date Analyzed
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VOLATILE ORGANICS IN AIR						
Tetrachloroethene	0.58	0.50	4.0	3.4	1	10/1/2003
Tetrahydrofuran	< 1.0	1.0	< 3.0	3.0	1	10/1/2003
Toluene	4.2	0.50	16	1.9	1	10/1/2003
trans-1,2-Dichloroethene	< 0.50	0.50	< 2.0	2.0	1	10/1/2003
trans-1,3-Dichloropropene	< 0.50	0.50	< 2.3	2.3	1	10/1/2003
Trichloroethene	< 0.50	0.50	< 2.8	2.8	1	10/1/2003
Trichlorofluoromethane(F-11)	< 0.50	0.50	< 2.8	2.8	1	10/1/2003
Trichlorofluoroethane(F-113)	< 0.50	0.50	< 3.9	3.9	1	10/1/2003
Vinyl acetate	< 0.50	0.50	< 1.8	1.8	1	10/1/2003
Vinyl chloride	< 0.50	0.50	< 1.3	1.3	1	10/1/2003
Surr. 4-Bromofluorobenzene	101	4500	70-130	-	1	10/1/2003

Analyst: JG

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level
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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226 Client Sample ID: AL-SG30-0903
Tag Number: 00189
Project: Air Liquide/23018.016 Collection Date: 9/30/2003 2:27:00 PM
Lab ID: 03091226-05A Matrix: AIR

Analyses	Result	Limit	ppbv	Qual	DF	Date Analyzed
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VOLATILE ORGANICS IN AIR						
1,1,1-Trichloroethane	11	10	81	55	D2	20 10/1/2003
1,1,2,2-Tetrachloroethane	< 10	10	< 70	70		20 10/1/2003
1,1,2-Trichloroethane	< 10	10	< 55	55		20 10/1/2003
1,1-Dichloroethane	480	10	2000	41	D2	20 10/1/2003
1,1-Dichloroethene	840	100	3400	400	D2	200 10/1/2003
1,2,4-Trichlorobenzene	< 20	20	< 150	150		20 10/1/2003
1,2,4-Trimethylbenzene	73	10	360	50	D2	20 10/1/2003
1,2-Dibromomethane	< 10	10	< 78	78		20 10/1/2003
1,2-Dichlorobenzene	< 10	10	< 61	61		20 10/1/2003
1,2-Dichloroethane	< 10	10	< 41	41		20 10/1/2003
1,2-Dichloropropane	< 10	10	< 47	47		20 10/1/2003
1,3,5-Trimethylbenzene	16	10	80	50	D2	20 10/1/2003
1,3-Butadiene	< 10	10	< 22	22		20 10/1/2003
1,3-Dichlorobenzene	< 10	10	< 61	61		20 10/1/2003
1,4-Dichlorobenzene	< 10	10	< 61	61		20 10/1/2003
2,2,4-Trimethylpentane	< 10	10	< 24	24		20 10/1/2003
2-Butanone (MEK)	< 20	20	< 60	60		20 10/1/2003
2-Hexanone	< 20	20	< 83	83		20 10/1/2003
2-Propanol	< 20	20	< 50	50		20 10/1/2003
4-Ethyltoluene	35	10	150	44	D2	20 10/1/2003
4-Methyl-2-pentanone	< 20	20	< 83	83		20 10/1/2003
Acetone	220	100	530	240	D2	20 10/1/2003
Allyl chloride	< 10	10	< 16	16		20 10/1/2003
Benzene	60	10	200	32	D2	20 10/1/2003
Benzyl chloride	< 40	40	< 210	210		20 10/1/2003
Bromodichloromethane	< 10	10	< 68	68		20 10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level
Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 602.437.3340
Tucson Facility: 4605 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803
Federal Address: 4605 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803
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a division of Aerotech Laboratories, Inc.



Aerotech Environmental Laboratories

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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Tag Number: 00189
Project: Air Liquide/23018.016
Lab ID: 03091226-05A
Matrix: AIR

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03091226
Tag Number: 00189
Project: Air Liquide/23018.016
Lab ID: 03091226-05A
Matrix: AIR

Date: 07-Nov-03

Analyses	Result	Limit	ppbv	µg/m³	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR							
Bromoethane(Vinyl Bromide)	< 10	10	TO15	Analyst: JG			
Bromolom	< 22	22	20	10/1/2003			
Bromomethane	< 10	10	20	10/1/2003			
Carbon disulfide	< 10	10	20	10/1/2003			
Carbon tetrachloride	< 10	10	20	10/1/2003			
Chlorobenzene	< 10	10	20	10/1/2003			
Chloroethane	< 10	10	20	10/1/2003			
Chloroform	35	10	170	50	D2	20	10/1/2003
Chloromethane	< 10	10	20	10/1/2003			
cis-1,2-Dichloroethene	< 10	10	20	10/1/2003			
cis-1,3-Dichloropropene	< 10	10	20	10/1/2003			
Cyclohexane	< 10	10	20	10/1/2003			
Dibromochloromethane	< 10	10	20	10/1/2003			
Dichlorodifluoromethane(F-12)	< 10	10	20	10/1/2003			
Dichlorotetrafluoroethane(F-114)	< 10	10	20	10/1/2003			
Ethyl Acetate	< 10	10	20	10/1/2003			
Ethylbenzene	100	10	440	44	D2	20	10/1/2003
Heptane	49	10	200	42	D2	20	10/1/2003
Hexachlorobutadiene	< 20	20	< 220	220		20	10/1/2003
Hexane	32	10	110	38	D2	20	10/1/2003
m&p-Xylene	370	20	1600	98	D2	20	10/1/2003
Methyl tert-butyl ether	< 20	20	< 73	73		20	10/1/2003
Methylene chloride	< 10	10	< 35	35		20	10/1/2003
o-Xylene	86	10	380	44	D2	20	10/1/2003
Propene (Propylene)	71	20	120	35	D2	20	10/1/2003
Styrene	< 10	10	< 43	43		20	10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantization limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 602.445.6192 www.aerotechlabs.com
Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803
Current Address: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 602.445.6192 www.aerotechlabs.com

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Analyses	Result	Limit	ppbv	µg/m³	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR							
Tetrachloroethene	4100	100	TO15	Analyst: JG			
Tetrahydrofuran	< 20	20	20	10/1/2003			
Toluene	470	10	1800	38	D2	20	10/1/2003
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	10/1/2003
trans-1,3-Dichloropropene	< 10	10	< 46	46		20	10/1/2003
Trichloroethene	640	10	3500	55	D2	20	10/1/2003
Trichlorofluoromethane(F-11)	400	10	2300	57	D2	20	10/1/2003
Trichlorotrifluoroethane(F-113)	< 10	10	< 78	78		20	10/1/2003
Vinyl acetate	< 10	10	< 36	36		20	10/1/2003
Vinyl chloride	< 10	10	< 26	26		20	10/1/2003
Surf. 4-Bromofluorobenzene	102 MSEC	70-130				20	10/1/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantization limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 602.445.6192 www.aerotechlabs.com
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PAL Precision Analytical Laboratories

a division of Aerotech Laboratories, Inc.

October 16, 2003

RECEIVED

OCT 20 2003

BASIN & RANGE
HYDROGEOLOGISTS

Ray Craft
Basin & Range Hydrogeologists
2800 N 24th St
Phoenix, AZ 85008

RE: Air Liquide/23018.016

Order No.: 03100461

Dear Ray Craft:

Precision Analytical Laboratories received 5 samples on 10/1/2003 for the analyses presented in the following report.

This report includes the following information:

- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Sincerely,

Carlene M. Smith

Marcia A. Smith

Vice President - Client Services

CHAIN-OF-CUSTODY RECORD



Electronic Data Deliverable Required?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Deadline for web/e-mail results:	10/15/03
Start Date:	9/30/03	Deadline for final report:	10/17/03
Completion Date:	9/30/03	Send Invoice To:	
Site Identification:	Air Liquide	Company:	BASIN & RANGE
Project or Release No.:	23018.016	Address:	2800 North 24th Street, Phoenix, AZ
		Phone No.:	602-840-3333
		Fax No.:	602-840-8011
		Attention:	D. Chapman

0-309-1226
Page 1 of 1

Send Analytical Report To:
BASIN & RANGE HYDROGEOLOGISTS, INC.
2800 North 24th Street, Phoenix, Arizona, 85008
Attention: Ray Craft

Phone: 602-840-3333
Fax: 602-840-8011
Email: rcraft@basin-and-range.com

Environmental Laboratory Information:
Company: Precision Analytical Laboratories
Address: 4645 East Cotton Center Blvd. Bldg. 3 Suite 189, Phoenix AZ 85040
Phone No.: 602-437-3340
Fax No.: 623-445-6192

Sample Identification Code	Sample Date	Sample Time	Container Serial #	Matrix	No. of Seals (1 hour)	Containers	Laboratory ID	Analyses Requested	Special Notes
AL-SG28-0903	9/30/03	10:47	00613	AIR	1			X	
AL-Air Field Blank-0903	9/30/03	11:45	00222	AIR	1			X	
AL-SG29-0903	9/30/03	12:36	00734	AIR	1			X	
AL-Air Equipment Blank-0903	9/30/03	13:26	00235	AIR	1			X	
AL-SG30-0903	9/30/03	14:27	00189	AIR	1			X	

Sampler(s) Name(s): Chris Henrichsen	Date Quality Objectives or Additional Instructions: Precision Analytical is authorized to charge a total of \$2650.00 (3 back up canisters @ \$50 a piece). Please see attached table, TABLE 1 for target analytes and their appropriate POLs. One or more of the following compounds must be used as QC spikes: 1,1,1-Trichloroethane, 1,1-Dichloroethene, 1,1-Dichloroethane, Trichloroethene, Tetrachloroethene.
---	--

1. Relinquished By (Company Name): Basin & Range Hydrogeologists Print Name: Chris Henrichsen Signature: [Signature] Date: 9-30-03 Time: 1753	2. Received By (Company Name): PAL Print Name: Tracey MacArthur Signature: [Signature] Date: 9-30-03 Time: 1753	3. Relinquished By (Company Name): [Signature] Print Name: [Signature] Signature: [Signature] Date: [Signature] Time: [Signature]	4. Received By (Company Name): [Signature] Print Name: [Signature] Signature: [Signature] Date: [Signature] Time: [Signature]
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Precision Analytical Laboratories

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Precision Analytical Laboratories

CLIENT: Basin & Range Hydrogeologists
Project: Air Liquide/23018.016
Lab Order: 03100461

Date: 17-Oct-03

CASE NARRATIVE

Samples were analyzed using methods outlined in references such as:

Standard Methods for the Examination of Water and Wastewater, 19th Edition, 1995.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Revised March 1983.
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.

40 CFR, Part 136, Revised 1995, Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.

NIOSH Manual of Analytical Methods, Fourth Edition, 1994.

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition, 1999.

Precision Analytical Laboratories (PAL) holds Arizona certification no. AZ0610 and PAL-Tucson holds Arizona certification no. AZ0609.

Aerotech Laboratories, Inc. (PAL division - Laboratory ID 154268) is accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation. PAL participates in the AIHA Environmental Lead Proficiency Analytical Testing (ELPAT) program for lead in soil, paint chips and dust wipes.

Analytical Comments:

All method blanks and laboratory control spikes met EPA method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:

Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D2 Sample required dilution due to high concentration of target analyte.



Precision Analytical Laboratories

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Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-01A

Client Sample ID: AL-VP07A-0903
Tag Number: 00271
Collection Date: 10/12/2003 8:26:00 AM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
TO15						
1,1,1-Trichloroethane	17000	1000	D2	ppbv	2000	Analyst: JG 10/2/2003
1,1,2,2-Tetrachloroethane	< 100	100		ppbv	200	10/2/2003
1,1,2-Trichloroethane	< 100	100		ppbv	200	10/2/2003
1,1-Dichloroethane	5500	100	D2	ppbv	200	10/2/2003
1,1-Dichloroethene	8700	100	D2	ppbv	200	10/2/2003
1,2,4-Trichlorobenzene	< 200	200		ppbv	200	10/2/2003
1,2,4-Trimethylbenzene	< 100	100		ppbv	200	10/2/2003
1,2-Dibromochloroethane	< 100	100		ppbv	200	10/2/2003
1,2-Dichlorobenzene	< 100	100		ppbv	200	10/2/2003
1,2-Dichloropropane	< 100	100		ppbv	200	10/2/2003
1,3,5-Trimethylbenzene	< 100	100		ppbv	200	10/2/2003
1,3-Butadiene	< 100	100		ppbv	200	10/2/2003
1,3-Dichlorobenzene	< 100	100		ppbv	200	10/2/2003
1,4-Dichlorobenzene	< 100	100		ppbv	200	10/2/2003
2,2,4-Trimethylpentane	< 100	100		ppbv	200	10/2/2003
2-Butanone (MEK)	< 200	200		ppbv	200	10/2/2003
2-Hexanone	< 200	200		ppbv	200	10/2/2003
2-Propanol	< 200	200		ppbv	200	10/2/2003
4-Ethyltoluene	< 100	100		ppbv	200	10/2/2003
4-Methyl-2-pentanone	< 200	200		ppbv	200	10/2/2003
Acetone	< 10000	1000		ppbv	200	10/2/2003
Allyl chloride	< 100	100		ppbv	200	10/2/2003
Benzene	< 100	100		ppbv	200	10/2/2003
Benzyl chloride	< 400	400		ppbv	200	10/2/2003
Bromodichloromethane	< 100	100		ppbv	200	10/2/2003
Bromoethene(Vinyl Bromide)	< 100	100		ppbv	200	10/2/2003
Bromoform	< 100	100		ppbv	200	10/2/2003
Bromomethane	< 100	100		ppbv	200	10/2/2003
Carbon disulfide	< 100	100		ppbv	200	10/2/2003
Carbon tetrachloride	< 100	100		ppbv	200	10/2/2003
Chlorobenzene	< 100	100		ppbv	200	10/2/2003
Chloroethane	< 100	100		ppbv	200	10/2/2003
Chloroform	< 100	100		ppbv	200	10/2/2003
Chloromethane	< 100	100		ppbv	200	10/2/2003
cis-1,2-Dichloroethene	< 100	100		ppbv	200	10/2/2003
dis-1,3-Dichloropropene	< 100	100		ppbv	200	10/2/2003
Cyclohexane	< 100	100		ppbv	200	10/2/2003
Dichloromethane	< 100	100		ppbv	200	10/2/2003
Dichlorodifluoromethane(F-12)	< 100	100		ppbv	200	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



Precision Analytical Laboratories

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Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Client Sample ID: AL-VP07A-0903

Lab Order: 03100461

Tag Number: 00271

Project: Air Liquide/23018.016

Collection Date: 10/1/2003 8:26:00 AM

Lab ID: 03100461-01A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
Dichlorodifluoromethane(F-114)	< 100	100		ppbv	200	Analyst: JG 10/2/2003
Ethyl Acetate	< 100	100		ppbv	200	10/2/2003
Ethylbenzene	< 100	100		ppbv	200	10/2/2003
Heptane	< 100	100		ppbv	200	10/2/2003
Hexachlorobutadiene	< 200	200		ppbv	200	10/2/2003
Hexane	< 100	100		ppbv	200	10/2/2003
m&o-Xylene	< 200	200		ppbv	200	10/2/2003
Methyl tert-butyl ether	< 200	200		ppbv	200	10/2/2003
Methylene chloride	< 100	100		ppbv	200	10/2/2003
n-Xylene	< 100	100		ppbv	200	10/2/2003
Propane (Propylene)	< 200	200		ppbv	200	10/2/2003
Styrene	< 100	100		ppbv	200	10/2/2003
Tetrachloroethene	400	100		ppbv	200	10/2/2003
Tetrahydrofuran	< 200	200		ppbv	200	10/2/2003
Toluene	< 100	100		ppbv	200	10/2/2003
trans-1,2-Dichloroethene	< 100	100		ppbv	200	10/2/2003
trans-1,3-Dichloropropene	< 100	100		ppbv	200	10/2/2003
Trichloroethene	130	100		ppbv	200	10/2/2003
Trichlorofluoromethane(F-11)	320	100		ppbv	200	10/2/2003
Trichlorotrifluoroethane(F-113)	< 100	100		ppbv	200	10/2/2003
Vinyl acetate	< 100	100		ppbv	200	10/2/2003
Vinyl chloride	< 100	100		ppbv	200	10/2/2003
Surr. 4-Bromofluorobenzene	97.8	70-130		%REC	200	10/2/2003

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
Corporate Address: 1501 W. Knudsen Drive, Phoenix, Arizona 85027 Phone: 623.780.4800 Toll Free: 800.651.4802 Fax: 623.780.7895 www.aerotechlabs.com
Lab Address: 1645 E. Cotton Center Boulevard, Building 3, Suite 109 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 623.445.6192 www.palabs.com
Aerotech Laboratories, Inc. 1111 N. 11th Avenue, Phoenix, AZ 85016 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 623.445.6192

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Precision Analytical Laboratories

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Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Client Sample ID: AL-VP07B-0903

Lab Order: 03100461

Tag Number: 00175

Project: Air Liquide/23018.016

Collection Date: 10/1/2003 9:42:00 AM

Lab ID: 03100461-02A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
1,1,1-Trichloroethane	47000	1000		ppbv	2000	Analyst: JG 10/2/2003
1,1,1,2-Tetrachloroethane	< 100	100		ppbv	200	10/2/2003
1,1,2,2-Tetrachloroethane	100	100		ppbv	200	10/2/2003
1,1-Dichloroethane	8900	100		ppbv	200	10/2/2003
1,1-Dichloroethene	8900	1000		ppbv	2000	10/2/2003
1,2,4-Trichlorobenzene	< 200	100		ppbv	200	10/2/2003
1,2,4-Trimethylbenzene	< 100	100		ppbv	200	10/2/2003
1,2-Dichloroethane	< 100	100		ppbv	200	10/2/2003
1,2-Dichloroethene	< 100	100		ppbv	200	10/2/2003
1,2-Dichloropropane	< 100	100		ppbv	200	10/2/2003
1,3,5-Trimethylbenzene	< 100	100		ppbv	200	10/2/2003
1,3-Butadiene	< 100	100		ppbv	200	10/2/2003
1,3-Dichlorobenzene	< 100	100		ppbv	200	10/2/2003
1,4-Dichlorobenzene	< 100	100		ppbv	200	10/2/2003
2,2,4-Trimethylpentane	< 100	100		ppbv	200	10/2/2003
2-Butanone (MEK)	< 200	200		ppbv	200	10/2/2003
2-Hexanone	< 200	200		ppbv	200	10/2/2003
2-Propanol	< 200	200		ppbv	200	10/2/2003
4-Ethyltoluene	< 100	100		ppbv	200	10/2/2003
4-Methyl-2-pentanone	< 200	200		ppbv	200	10/2/2003
Acetone	< 1000	1000		ppbv	200	10/2/2003
Allyl chloride	< 100	100		ppbv	200	10/2/2003
Benzene	< 100	100		ppbv	200	10/2/2003
Benzyl chloride	< 400	400		ppbv	200	10/2/2003
Bromodichloromethane	< 100	100		ppbv	200	10/2/2003
Bromochloroethene(Vinyl Bromide)	< 100	100		ppbv	200	10/2/2003
Bromomethane	< 100	100		ppbv	200	10/2/2003
Bromosulfide	< 100	100		ppbv	200	10/2/2003
Carbon disulfide	< 100	100		ppbv	200	10/2/2003
Carbon tetrachloride	< 100	100		ppbv	200	10/2/2003
Chlorobenzene	< 100	100		ppbv	200	10/2/2003
Chloroethane	< 100	100		ppbv	200	10/2/2003
Chloroform	< 100	100		ppbv	200	10/2/2003
Chloromethane	< 100	100		ppbv	200	10/2/2003
cis-1,2-Dichloroethene	< 100	100		ppbv	200	10/2/2003
cis-1,3-Dichloropropene	< 100	100		ppbv	200	10/2/2003
Cyclohexane	< 100	100		ppbv	200	10/2/2003
Dibromochloromethane	< 100	100		ppbv	200	10/2/2003
Dichlorodifluoromethane(F-12)	< 100	100		ppbv	200	10/2/2003

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
Corporate Address: 1501 W. Knudsen Drive, Phoenix, Arizona 85027 Phone: 623.780.4800 Toll Free: 800.651.4802 Fax: 623.780.7895 www.aerotechlabs.com
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Precision Analytical Laboratories

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Precision Analytical Laboratories

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Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Lab Order: 03100461

Project: Air Liquide/23018.016

Lab ID: 03100461-02A

Client Sample ID: AL-VP07B-0903

Tag Number: 00175

Collection Date: 10/1/2003 9:42:00 AM

Matrix: AIR

Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Lab Order: 03100461

Project: Air Liquide/23018.016

Lab ID: 03100461-03A

Client Sample ID: AL-VP07C-0903

Tag Number: 00226

Collection Date: 10/1/2003 10:15:00 AM

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
Dichlorodifluoromethane(F-114)	< 100	100		ppbv	200	Analyst: JG 10/2/2003
Ethyl Acetate	< 100	100		ppbv	200	10/2/2003
Ethylbenzene	< 100	100		ppbv	200	10/2/2003
Heptane	< 100	100		ppbv	200	10/2/2003
Hexachlorobutadiene	< 200	200		ppbv	200	10/2/2003
Hexane	< 100	100		ppbv	200	10/2/2003
m&p-Xylene	< 200	200		ppbv	200	10/2/2003
Methyl tert-butyl ether	< 200	200		ppbv	200	10/2/2003
Methylene chloride	< 200	200		ppbv	200	10/2/2003
o-Xylene	< 100	100		ppbv	200	10/2/2003
Propene (Propylene)	< 100	100		ppbv	200	10/2/2003
Styrene	720	200	D2	ppbv	200	10/2/2003
Tetrachloroethene	< 100	100		ppbv	200	10/2/2003
Tetrahydrofuran	350	200	D2	ppbv	200	10/2/2003
Toluene	< 100	100		ppbv	200	10/2/2003
trans-1,2-Dichloroethene	< 100	100		ppbv	200	10/2/2003
trans-1,3-Dichloropropene	< 100	100		ppbv	200	10/2/2003
Trichlorobenzene	150	200	D2	ppbv	200	10/2/2003
Trichlorofluoromethane(F-11)	470	200	D2	ppbv	200	10/2/2003
Trichlorodifluoromethane(F-113)	< 100	100		ppbv	200	10/2/2003
Vinyl acetate	< 100	100		ppbv	200	10/2/2003
Vinyl chloride	< 100	100		ppbv	200	10/2/2003
Surr: 4-Bromofluorobenzene	98.5	70-130		%REC	200	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

File Address: 1501 W. Knudsen Drive, Phoenix, Arizona 85027 Phone: 602.651.4802 Fax: 602.780.7895 www.aerotechlabs.com

Lab Order: 03100461-02A Date: 16-Oct-03 Collection Date: 10/1/2003 9:42:00 AM Matrix: AIR

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Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
1,1,1-Trichloroethane	150000	2000	D2	ppbv	4000	Analyst: JG 10/2/2003
1,1,2,2-Tetrachloroethane	< 100	100		ppbv	200	10/2/2003
1,1,2-Trichloroethane	< 100	100		ppbv	200	10/2/2003
1,1-Dichloroethane	23000	2000	D2	ppbv	4000	10/2/2003
1,1-Dichloroethene	10000	2000	D2	ppbv	4000	10/2/2003
1,2,4-Trichlorobenzene	< 200	200		ppbv	200	10/2/2003
1,2,4-Trimethylbenzene	< 100	100		ppbv	200	10/2/2003
1,2-Dibromomethane	< 100	100		ppbv	200	10/2/2003
1,2-Dichlorobenzene	< 100	100		ppbv	200	10/2/2003
1,2-Dichloroethane	< 100	100		ppbv	200	10/2/2003
1,2-Dichloropropane	< 100	100		ppbv	200	10/2/2003
1,3,5-Trimethylbenzene	< 100	100		ppbv	200	10/2/2003
1,3-Butadiene	< 100	100		ppbv	200	10/2/2003
1,3-Dichlorobenzene	< 100	100		ppbv	200	10/2/2003
1,4-Dichlorobenzene	< 100	100		ppbv	200	10/2/2003
2,2,4-Trimethylpentane	< 100	100		ppbv	200	10/2/2003
2-Butanone	< 200	200		ppbv	200	10/2/2003
2-Hexanone	< 200	200		ppbv	200	10/2/2003
2-Propanol	< 200	200		ppbv	200	10/2/2003
4-Ethyltoluene	< 100	100		ppbv	200	10/2/2003
4-Methyl-2-pentanone	< 200	200		ppbv	200	10/2/2003
Acetone	< 1000	1000		ppbv	200	10/2/2003
Allyl chloride	< 100	100		ppbv	200	10/2/2003
Benzene	< 100	100		ppbv	200	10/2/2003
Benzyl chloride	< 400	400		ppbv	200	10/2/2003
Bromodichloromethane	< 100	100		ppbv	200	10/2/2003
Bromoethene(Vinyl Bromide)	< 100	100		ppbv	200	10/2/2003
Bromoforn	< 100	100		ppbv	200	10/2/2003
Bromomethane	< 100	100		ppbv	200	10/2/2003
Carbon disulfide	< 100	100		ppbv	200	10/2/2003
Carbon tetrachloride	< 100	100		ppbv	200	10/2/2003
Chlorobenzene	< 100	100		ppbv	200	10/2/2003
Chloroethane	< 100	100		ppbv	200	10/2/2003
Chloroform	< 100	100		ppbv	200	10/2/2003
Chloromethane	< 100	100		ppbv	200	10/2/2003
dis-1,2-Dichloroethene	< 100	100		ppbv	200	10/2/2003
dis-1,3-Dichloropropene	< 100	100		ppbv	200	10/2/2003
Cyclohexane	< 100	100		ppbv	200	10/2/2003
Dibromochloromethane	< 100	100		ppbv	200	10/2/2003
Dichlorodifluoromethane(F-12)	< 100	100		ppbv	200	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

File Address: 1501 W. Knudsen Drive, Phoenix, Arizona 85027 Phone: 602.651.4802 Fax: 602.780.7895 www.aerotechlabs.com

Lab Order: 03100461-03A Date: 16-Oct-03 Collection Date: 10/1/2003 10:15:00 AM Matrix: AIR

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Precision Analytical Laboratories

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Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Client Sample ID: AL-VF07C-0903

Lab Order: 03100461

Tag Number: 00226

Project: Air Liquide/23018.016

Collection Date: 10/1/2003 10:15:00 AM

Lab ID: 03100461-03A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
Dichlorotetrafluoroethane(F-114)	< 100	100		ppbv	200	Analyst: JG 10/2/2003
Ethyl Acetate	< 100	100		ppbv	200	10/2/2003
Ethylbenzene	< 100	100		ppbv	200	10/2/2003
Heptane	< 100	100		ppbv	200	10/2/2003
Hexachlorobutadiene	< 200	200		ppbv	200	10/2/2003
Hexane	< 100	100		ppbv	200	10/2/2003
m,p-Xylene	< 200	200		ppbv	200	10/2/2003
Methyl tert-butyl ether	< 200	200		ppbv	200	10/2/2003
Methylene chloride	< 100	100		ppbv	200	10/2/2003
o-Xylene	< 100	100		ppbv	200	10/2/2003
Propane (Propylene)	390	200	D2	ppbv	200	10/2/2003
Styrene	< 100	100		ppbv	200	10/2/2003
Tetrachloroethene	150	100	D2	ppbv	200	10/2/2003
Tetrahydrofuran	< 200	200		ppbv	200	10/2/2003
Toluene	< 100	100		ppbv	200	10/2/2003
trans-1,2-Dichloroethene	< 100	100		ppbv	200	10/2/2003
trans-1,3-Dichloropropene	< 100	100		ppbv	200	10/2/2003
Trichloroethene	< 100	100		ppbv	200	10/2/2003
Trichlorofluoromethane(F-11)	610	100	D2	ppbv	200	10/2/2003
Trichlorotrifluoroethane(F-113)	< 100	100		ppbv	200	10/2/2003
Vinyl acetate	< 100	100		ppbv	200	10/2/2003
Vinyl chloride	< 100	100		ppbv	200	10/2/2003
Surr. 4-Bromofluorobenzene	97.8	70-130		%REC	200	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 802.437.3340 Toll Free: 866.772.5227 Fax: 623.445.6162 www.palabs.com
Corporate Address: 1501 W. Knudsen Drive, Phoenix, Arizona 85027 Phone: 623.780.4600 Toll Free: 800.651.4602 Fax: 623.780.7895 www.aerotechlabs.com
Thermal Desorption: 4645 E. Cotton Center Blvd. Ste. 410 Phoenix, AZ 85040 Phone: 802.437.3340 Toll Free: 866.772.5227 Fax: 623.445.6162
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Precision Analytical Laboratories

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Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Client Sample ID: AL-SG27-0903

Lab Order: 03100461

Tag Number: 00168

Project: Air Liquide/23018.016

Collection Date: 10/1/2003 11:22:00 AM

Lab ID: 03100461-04A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
1,1,1-Trichloroethane	40	10	D2	ppbv	20	Analyst: JG 10/2/2003
1,1,2,2-Tetrachloroethane	< 10	10		ppbv	20	10/2/2003
1,1,2-Trichloroethane	< 10	10		ppbv	20	10/2/2003
1,1-Dichloroethane	140	10	D2	ppbv	20	10/2/2003
1,1-Dichloroethene	420	10	D2	ppbv	20	10/2/2003
1,2,4-Trichlorobenzene	< 20	20		ppbv	20	10/2/2003
1,2,4-Trimethylbenzene	84	10	D2	ppbv	20	10/2/2003
1,2-Dibromobenzene	< 10	10		ppbv	20	10/2/2003
1,2-Dichlorobenzene	< 10	10		ppbv	20	10/2/2003
1,2-Dichloroethane	< 10	10		ppbv	20	10/2/2003
1,2-Dichloropropane	< 10	10		ppbv	20	10/2/2003
1,3,5-Trimethylbenzene	21	10	D2	ppbv	20	10/2/2003
1,3-Butadiene	< 10	10		ppbv	20	10/2/2003
1,3-Dichlorobenzene	< 10	10		ppbv	20	10/2/2003
1,4-Dichlorobenzene	11	10	D2	ppbv	20	10/2/2003
2,2,4-Trimethylpentane	100	10	D2	ppbv	20	10/2/2003
2-Butanone (MEK)	160	20	D2	ppbv	20	10/2/2003
2-Hexanone	< 20	20		ppbv	20	10/2/2003
2-Propanol	24	20	D2	ppbv	20	10/2/2003
4-Ethyltoluene	36	10	D2	ppbv	20	10/2/2003
4-Methyl-2-pentanone	< 20	20		ppbv	20	10/2/2003
Acetone	1800	500	D2	ppbv	100	10/2/2003
Allyl chloride	< 10	10		ppbv	20	10/2/2003
Benzene	150	10	D2	ppbv	20	10/2/2003
Benzyl chloride	< 40	40		ppbv	20	10/2/2003
Bromodichloromethane	< 10	10		ppbv	20	10/2/2003
Bromoethene(Vinyl Bromide)	< 10	10		ppbv	20	10/2/2003
Bromoform	< 10	10		ppbv	20	10/2/2003
Bromomethane	< 10	10		ppbv	20	10/2/2003
Carbon disulfide	< 10	10		ppbv	20	10/2/2003
Carbon tetrachloride	< 10	10		ppbv	20	10/2/2003
Chlorobenzene	< 10	10		ppbv	20	10/2/2003
Chloroethane	< 10	10		ppbv	20	10/2/2003
Chloroform	< 10	10		ppbv	20	10/2/2003
Chloromethane	< 10	10		ppbv	20	10/2/2003
dis-1,2-Dichloroethane	< 10	10		ppbv	20	10/2/2003
dis-1,3-Dichloropropene	< 10	10		ppbv	20	10/2/2003
Cyclohexane	< 10	10		ppbv	20	10/2/2003
Dibromochloromethane	< 10	10		ppbv	20	10/2/2003
Dichlorodifluoromethane(F-12)	< 10	10		ppbv	20	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
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Precision Analytical Laboratories

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Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Client Sample ID: AL-SG27-0903

Lab Order: 03100461

Tag Number: 00168

Project: Air Liquide/23018.016

Collection Date: 10/1/2003 11:22:00 AM

Lab ID: 03100461-04A

Matrix: AIR

Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Client Sample ID: AL-VP06Z-0903

Lab Order: 03100461

Tag Number: 00203

Project: Air Liquide/23018.016

Collection Date: 10/1/2003 1:26:00 PM

Lab ID: 03100461-05A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
Dichlorodifluoromethane(F-114)	< 10	10		ppbv	20	Analyst: JG 10/2/2003
Ethyl Acetate	< 10	10		ppbv	20	10/2/2003
Ethylbenzene	150	10	D2	ppbv	20	10/2/2003
Heptane	150	10	D2	ppbv	20	10/2/2003
Hexachlorobutadiene	< 20	20		ppbv	20	10/2/2003
Hexane	170	10	D2	ppbv	20	10/2/2003
m,p-Xylene	480	20	D2	ppbv	20	10/2/2003
Methyl tert-butyl ether	2300	100	D2	ppbv	100	10/2/2003
Methylene chloride	< 10	10		ppbv	20	10/2/2003
o-Xylene	130	10	D2	ppbv	20	10/2/2003
Propene (Propylene)	270	10	D2	ppbv	20	10/2/2003
Styrene	< 10	10		ppbv	20	10/2/2003
Tetrachloroethene	300	10	D2	ppbv	20	10/2/2003
Tetrahydrofuran	< 20	20		ppbv	20	10/2/2003
Toluene	800	10	D2	ppbv	20	10/2/2003
trans-1,2-Dichloroethene	< 10	10		ppbv	20	10/2/2003
trans-1,3-Dichloropropene	< 10	10		ppbv	20	10/2/2003
Trichloroethene	64	10	D2	ppbv	20	10/2/2003
Trichlorofluoromethane(F-11)	410	10	D2	ppbv	20	10/2/2003
Trichlorotrifluoroethane(F-113)	< 10	10		ppbv	20	10/2/2003
Vinyl acetate	< 10	10		ppbv	20	10/2/2003
Vinyl chloride	< 10	10		ppbv	20	10/2/2003
Surr: 4-Bromofluorobenzene	94.4	70-130		%REC	20	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
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Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 623.446.6162 www.palabs.com
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Precision Analytical Laboratories

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Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists

Client Sample ID: AL-VP06Z-0903

Lab Order: 03100461

Tag Number: 00203

Project: Air Liquide/23018.016

Collection Date: 10/1/2003 1:26:00 PM

Lab ID: 03100461-05A

Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						
1,1,1-Trichloroethane	9900000	200000	D2	ppbv	400000	Analyst: JG 10/3/2003
1,1,2,2-Tetrachloroethane	< 5000	5000		ppbv	10000	10/2/2003
1,1,2-Trichloroethane	< 5000	5000		ppbv	10000	10/2/2003
1,1-Dichloroethane	420000	5000	D2	ppbv	10000	10/2/2003
1,1-Dichloroethane	110000	5000	D2	ppbv	10000	10/2/2003
1,2,4-Trichlorobenzene	< 10000	10000		ppbv	10000	10/2/2003
1,2,4-Trimethylbenzene	< 5000	5000		ppbv	10000	10/2/2003
1,2-Dibromochloroethane	< 5000	5000		ppbv	10000	10/2/2003
1,2-Dichlorobenzene	< 5000	5000		ppbv	10000	10/2/2003
1,2-Dichloroethane	< 5000	5000		ppbv	10000	10/2/2003
1,2-Dichloropropane	< 5000	5000		ppbv	10000	10/2/2003
1,3,5-Trimethylbenzene	< 5000	5000		ppbv	10000	10/2/2003
1,3-Butadiene	< 5000	5000		ppbv	10000	10/2/2003
1,3-Dichlorobenzene	< 5000	5000		ppbv	10000	10/2/2003
1,4-Dichlorobenzene	< 5000	5000		ppbv	10000	10/2/2003
2,2,4-Trimethylpentane	< 5000	5000		ppbv	10000	10/2/2003
2-Butanone (MEK)	< 10000	10000		ppbv	10000	10/2/2003
2-Hexanone	< 10000	10000		ppbv	10000	10/2/2003
2-Propanol	< 10000	10000		ppbv	10000	10/2/2003
4-Ethyltoluene	< 5000	5000		ppbv	10000	10/2/2003
4-Methyl-2-pentanone	< 10000	10000		ppbv	10000	10/2/2003
Acetone	< 50000	50000		ppbv	10000	10/2/2003
Allyl chloride	< 5000	5000		ppbv	10000	10/2/2003
Benzene	< 20000	20000		ppbv	10000	10/2/2003
Benzyl chloride	< 5000	5000		ppbv	10000	10/2/2003
Bromodichloromethane	< 5000	5000		ppbv	10000	10/2/2003
Bromoethene(Vinyl Bromide)	< 5000	5000		ppbv	10000	10/2/2003
Bromoforn	< 5000	5000		ppbv	10000	10/2/2003
Bromomethane	< 5000	5000		ppbv	10000	10/2/2003
Carbon disulfide	< 5000	5000		ppbv	10000	10/2/2003
Carbon tetrachloride	< 5000	5000		ppbv	10000	10/2/2003
Chlorobenzene	< 5000	5000		ppbv	10000	10/2/2003
Chloroethane	< 5000	5000		ppbv	10000	10/2/2003
Chloroform	< 5000	5000		ppbv	10000	10/2/2003
Chloromethane	< 5000	5000		ppbv	10000	10/2/2003
cis-1,2-Dichloroethene	< 5000	5000		ppbv	10000	10/2/2003
cis-1,3-Dichloropropene	< 5000	5000		ppbv	10000	10/2/2003
Cyclohexane	< 5000	5000		ppbv	10000	10/2/2003
Dibromochloromethane	< 5000	5000		ppbv	10000	10/2/2003
Dichlorodifluoromethane(F-12)	< 5000	5000		ppbv	10000	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
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Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: MB-R39641	Sample Type: MBLK	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: M805_031001A
Client ID: ZZZZZ	Batch ID: R39641	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463578
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
1,1,1-Trichloroethane	< 0.50	0.50			
1,1,2,2-Tetrachloroethane	< 0.50	0.50			
1,1,2-Trichloroethane	< 0.50	0.50			
1,1-Dichloroethane	< 0.50	0.50			
1,1-Dichloroethene	< 0.50	0.50			
1,2,4-Trichlorobenzene	< 1.0	1.0			
1,2,4-Trimethylbenzene	< 0.50	0.50			
1,2-Dibromomethane	< 0.50	0.50			
1,2-Dichlorobenzene	< 0.50	0.50			
1,2-Dichloroethane	< 0.50	0.50			
1,2-Dichloropropane	< 0.50	0.50			
1,3,5-Trimethylbenzene	< 0.50	0.50			
1,3-Butadiene	< 0.50	0.50			
1,3-Dichlorobenzene	< 0.50	0.50			
1,4-Dichlorobenzene	< 0.50	0.50			
2,2,4-Trimethylpentane	< 0.50	0.50			
2-Butanone (MEK)	< 1.0	1.0			
2-Hexanone	< 1.0	1.0			
2-Propanol	< 1.0	1.0			
4-Ethyltoluene	< 0.50	0.50			
4-Methyl-2-pentanone	< 1.0	1.0			
Acetone	< 5.0	5.0			
Allyl chloride	< 0.50	0.50			
Benzene	< 0.50	0.50			
Benzyl chloride	< 2.0	2.0			
Bromodichloromethane	< 0.50	0.50			
Bromoethane(Vinyl Bromide)	< 0.50	0.50			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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■ Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 623.445.6192 www.palabs.com
■ Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

Precision Analytical Laboratories

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Precision Analytical Laboratories

Date: 16-Oct-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-05A

Client Sample ID: AL-VP062-0903

Tag Number: 00203

Collection Date: 10/1/2003 1:26:00 PM

Matrix: AIR

Analytes	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR						Analyst: JG
Dichlorodifluoroethane(F-114)	< 5000	5000		ppbv	10000	10/2/2003
Ethyl Acetate	< 5000	5000		ppbv	10000	10/2/2003
Ethylbenzene	< 5000	5000		ppbv	10000	10/2/2003
Heptane	< 5000	5000		ppbv	10000	10/2/2003
Hexachlorobutadiene	< 10000	10000		ppbv	10000	10/2/2003
Hexane	< 5000	5000		ppbv	10000	10/2/2003
m&p-Xylene	< 5000	5000		ppbv	10000	10/2/2003
Methyl tert-butyl ether	< 10000	10000		ppbv	10000	10/2/2003
Methylene chloride	< 5000	5000		ppbv	10000	10/2/2003
o-Xylene	< 5000	5000		ppbv	10000	10/2/2003
Propene (Propylene)	< 10000	10000		ppbv	10000	10/2/2003
Styrene	< 5000	5000		ppbv	10000	10/2/2003
Tetrachloroethene	< 5000	5000		ppbv	10000	10/2/2003
Tetrahydrofuran	< 10000	10000		ppbv	10000	10/2/2003
Toluene	< 5000	5000		ppbv	10000	10/2/2003
trans-1,2-Dichloroethene	< 5000	5000		ppbv	10000	10/2/2003
trans-1,3-Dichloropropene	< 5000	5000		ppbv	10000	10/2/2003
Trichloroethene	5100	5000		ppbv	10000	10/2/2003
Trichlorofluoromethane(F-11)	43000	5000		ppbv	10000	10/2/2003
Trichlorofluoroethane(F-113)	< 5000	5000		ppbv	10000	10/2/2003
Vinyl acetate	< 5000	5000		ppbv	10000	10/2/2003
Vinyl chloride	< 5000	5000		ppbv	10000	10/2/2003
Surr: 4-Bromofluorobenzene	96.9	70-130		%REC	10000	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



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CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: MB-R39641	SampType: MBLK	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS05_031001A
Client ID: ZZZZZ	Batch ID: R39641	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463578

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	< 0.50	0.50									
trans-1,3-Dichloropropene	< 0.50	0.50									
Trichloroethene	< 0.50	0.50									
Trichlorofluoromethane(F-11)	< 0.50	0.50									
Trichlorobifluoroethane(F-113)	< 0.50	0.50									
Vinyl acetate	< 0.50	0.50									
Vinyl chloride	< 0.50	0.50									
Surr: 4-Bromofluorobenzene	9.78	0.50	10	0	97.6	70	130	0	0		

Sample ID: MB-R39732	SampType: MBLK	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS04_031002A
Client ID: ZZZZZ	Batch ID: R39732	TestNo: TO15		Analysis Date: 10/2/2003	SeqNo: 465247

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.50	0.50									
1,1,2,2-Tetrachloroethane	< 0.50	0.50									
1,1,2-Trichloroethane	< 0.50	0.50									
1,1-Dichloroethane	< 0.50	0.50									
1,1-Dichloroethene	< 0.50	0.50									
1,2,4-Trichlorobenzene	< 1.0	1.0									
1,2,4-Trimethylbenzene	< 0.50	0.50									
1,2-Dibromoethane	< 0.50	0.50									
1,2-Dichlorobenzene	< 0.50	0.50									
1,2-Dichloroethane	< 0.50	0.50									
1,2-Dichloropropane	< 0.50	0.50									
1,3,5-Trimethylbenzene	< 0.50	0.50									
1,3-Butadiene	< 0.50	0.50									
1,3-Dichlorobenzene	< 0.50	0.50									
1,4-Dichlorobenzene	< 0.50	0.50									

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

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Precision Analytical Laboratories
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CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: MB-R39641	SampType: MBLK	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS05_031001A
Client ID: ZZZZZ	Batch ID: R39641	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463578

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	< 0.50	0.50									
Bromomethane	< 0.50	0.50									
Carbon disulfide	< 0.50	0.50									
Carbon tetrachloride	< 0.50	0.50									
Chlorobenzene	< 0.50	0.50									
Chloroethane	< 0.50	0.50									
Chloroform	< 0.50	0.50									
Chloromethane	< 0.50	0.50									
cis-1,2-Dichloroethene	< 0.50	0.50									
cis-1,3-Dichloropropene	< 0.50	0.50									
Cyclohexane	< 0.50	0.50									
Dibromochloromethane	< 0.50	0.50									
Dichlorodifluoromethane(F-12)	< 0.50	0.50									
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50									
Ethyl Acetate	< 0.50	0.50									
Ethylbenzene	< 0.50	0.50									
Heptane	< 0.50	0.50									
Hexachlorobutadiene	< 1.0	1.0									
Hexane	< 0.50	0.50									
m&p-Xylene	< 1.0	1.0									
Methyl tert-butyl ether	< 1.0	1.0									
Methylene chloride	< 0.50	0.50									
o-Xylene	< 0.50	0.50									
Propene (Propylene)	< 1.0	1.0									
Styrene	< 0.50	0.50									
Tetrachloroethene	< 0.50	0.50									
Tetrahydrofuran	< 1.0	1.0									
Toluene	< 0.50	0.50									

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

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CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID	MB-R39732	SampType:	MBLK	TestCode:	TO15	Units:	ppbv	Prep Date:		Run ID:	MS04_031002A
Client ID:	ZZZZZ	Batch ID:	R39732	TestNo:	TO15			Analysis Date:	10/2/2003	SeqNo:	465247
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Heptane	< 0.50	0.50									
Hexachlorobutadiene	< 1.0	1.0									
Hexane	< 0.50	0.50									
m&p-Xylene	< 1.0	1.0									
Methyl tert-butyl ether	< 1.0	1.0									
Methylene chloride	< 0.50	0.50									
o-Xylene	< 0.50	0.50									
Propene (Propylene)	< 0.50	0.50									
Styrene	< 0.50	0.50									
Tetrachloroethene	< 0.50	0.50									
Tetrahydrofuran	< 1.0	1.0									
Toluene	< 0.50	0.50									
trans-1,2-Dichloroethene	< 0.50	0.50									
trans-1,3-Dichloropropene	< 0.50	0.50									
Trichloroethene	< 0.50	0.50									
Trichlorofluoromethane(F-11)	< 0.50	0.50									
Trichlorotrifluoroethane(F-113)	< 0.50	0.50									
Vinyl acetate	< 0.50	0.50									
Vinyl chloride	< 0.50	0.50									
Surr: 4-Bromofluorobenzene	8.9	0.50	10	0	89	70	130	0	0		

Sample ID	LCS-R39641	SampType:	LCS	TestCode:	TO15	Units:	ppbv	Prep Date:		Run ID:	MS05_031001A
Client ID:	ZZZZZ	Batch ID:	R39641	TestNo:	TO15			Analysis Date:	10/1/2003	SeqNo:	465590
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.24	0.50	10	0	102	65	135	0	0		
1,1,2,2-Tetrachloroethane	9.94	0.50	10	0	99.4	65	135	0	0		
1,1,2-Trichloroethane	10.25	0.50	10	0	103	65	135	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID	MB-R39732	SampType:	MBLK	TestCode:	TO15	Units:	ppbv	Prep Date:		Run ID:	MS04_031002A
Client ID:	ZZZZZ	Batch ID:	R39732	TestNo:	TO15			Analysis Date:	10/2/2003	SeqNo:	465247
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,2,4-Trimethylpentane	< 0.50	0.50									
2-Butanone (MEK)	< 1.0	1.0									
2-Hexanone	< 1.0	1.0									
2-Propanol	< 1.0	1.0									
4-Ethyltoluene	< 0.50	0.50									
4-Methyl-2-pentanone	< 1.0	1.0									
Acetone	< 5.0	5.0									
Allyl chloride	< 0.50	0.50									
Benzene	< 0.50	0.50									
Benzyl chloride	< 2.0	2.0									
Bromodichloromethane	< 0.50	0.50									
Bromoethene(Vinyl Bromide)	< 0.50	0.50									
Bromoforn	< 0.50	0.50									
Bromomethane	< 0.50	0.50									
Carbon disulfide	< 0.50	0.50									
Carbon tetrachloride	< 0.50	0.50									
Chlorobenzene	< 0.50	0.50									
Chloroethane	< 0.50	0.50									
Chloroform	< 0.50	0.50									
Chloromethane	< 0.50	0.50									
cis-1,2-Dichloroethene	< 0.50	0.50									
cis-1,3-Dichloropropene	< 0.50	0.50									
Cyclohexane	< 0.50	0.50									
Dibromochloromethane	< 0.50	0.50									
Dichlorodifluoromethane(F-12)	< 0.50	0.50									
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50									
Ethyl Acetate	< 0.50	0.50									
Ethylbenzene	< 0.50	0.50									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: LCS-R39641	SampType: LCS	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS05_031001A						
Client ID: ZZZZZ	Batch ID: R39641	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463580						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	10.21	0.50	10	0	102	65	135	0	0		
Chloroethane	10.17	0.50	10	0	102	65	135	0	0		
Chloroform	10.13	0.50	10	0	101	65	135	0	0		
Chloromethane	10	0.50	10	0	100	65	135	0	0		
cis-1,2-Dichloroethene	11.09	0.50	10	0	111	65	135	0	0		
cis-1,3-Dichloropropene	11.95	0.50	10	0	120	65	135	0	0		
Cyclohexane	12.62	0.50	10	0	126	65	135	0	0		
Dibromochloromethane	10.04	0.50	10	0	100	65	135	0	0		
Dichlorodifluoromethane(F-12)	9.78	0.50	10	0	97.8	65	135	0	0		
Dichlorotetrafluoroethane(F-114)	9.97	0.50	10	0	99.7	65	135	0	0		
Ethyl Acetate	11.89	0.50	10	0	119	65	135	0	0		
Ethylbenzene	11.79	0.50	10	0	118	65	135	0	0		
Heptane	11.13	0.50	10	0	111	65	135	0	0		
Hexachlorobutadiene	9.41	1.0	10	0	94.1	65	135	0	0		
Hexane	11.45	0.50	10	0	114	65	135	0	0		
m&p-Xylene	23.82	1.0	20	0	119	65	135	0	0		
Methyl tert-butyl ether	11.95	1.0	10	0	120	65	135	0	0		
Methylene chloride	9.01	0.50	10	0	90.1	65	135	0	0		
o-Xylene	11.75	0.50	10	0	118	65	135	0	0		
Propene (Propylene)	11.75	1.0	10	0	118	65	135	0	0		
Styrene	12.46	0.50	10	0	125	65	135	0	0		
Tetrachloroethene	10.37	0.50	10	0	104	65	135	0	0		
Tetrahydrofuran	11.98	1.0	10	0	120	65	135	0	0		
Toluene	12.09	0.50	10	0	121	65	135	0	0		
trans-1,2-Dichloroethene	10.58	0.50	10	0	108	65	135	0	0		
trans-1,3-Dichloropropene	11.86	0.50	10	0	119	65	135	0	0		
Trichloroethene	10.31	0.50	10	0	103	65	135	0	0		
Trichlorofluoromethane(F-11)	10.32	0.50	10	0	103	65	135	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

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■ Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803



Precision Analytical Laboratories

a division of Aerotech Laboratories, Inc.

CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: LCS-R39641	SampType: LCS	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS05_031001A						
Client ID: ZZZZZ	Batch ID: R39641	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463580						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	10.58	0.50	10	0	106	65	135	0	0		
1,1-Dichloroethene	10.62	0.50	10	0	106	65	135	0	0		
1,2,4-Trichlorobenzene	9.88	1.0	10	0	98.6	65	135	0	0		
1,2,4-Trimethylbenzene	12.05	0.50	10	0	120	65	135	0	0		
1,2-Dibromoethane	10.44	0.50	10	0	104	65	135	0	0		
1,2-Dichlorobenzene	10.42	0.50	10	0	104	65	135	0	0		
1,2-Dichloroethane	10.49	0.50	10	0	105	65	135	0	0		
1,2-Dichloropropene	10.81	0.50	10	0	108	65	135	0	0		
1,3,5-Trimethylbenzene	11.88	0.50	10	0	119	65	135	0	0		
1,3-Butadiene	10.58	0.50	10	0	106	65	135	0	0		
1,3-Dichlorobenzene	10.45	0.50	10	0	104	65	135	0	0		
1,4-Dichlorobenzene	10.78	0.50	10	0	108	65	135	0	0		
2,2,4-Trimethylpentane	11.34	0.50	10	0	113	65	135	0	0		
2-Butanone (MEK)	12.18	1.0	10	0	122	65	135	0	0		
2-Hexanone	11.16	1.0	10	0	112	65	135	0	0		
2-Propanol	9.66	1.0	10	0	96.6	65	135	0	0		
4-Ethyltoluene	12.06	0.50	10	0	121	65	135	0	0		
4-Methyl-2-pentanone	12.52	1.0	10	0	125	65	135	0	0		
Acetone	9.25	0.50	10	0	92.5	65	135	0	0		
Allyl chloride	11.23	0.50	10	0	112	65	135	0	0		
Benzene	11.32	0.50	10	0	113	65	135	0	0		
Benzyl chloride	11.86	2.0	10	0	119	65	135	0	0		
Bromodichloromethane	10.07	0.50	10	0	101	65	135	0	0		
Bromoethene(Vinyl Bromide)	10.17	0.50	10	0	102	65	135	0	0		
Bromoform	10.51	0.50	10	0	105	65	135	0	0		
Bromomethane	9.97	0.50	10	0	99.7	65	135	0	0		
Carbon disulfide	9.44	0.50	10	0	94.4	65	135	0	0		
Carbon tetrachloride	10.26	0.50	10	0	103	65	135	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

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CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID	LCS-R39732	SampType: LCS	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS04_031002A					
Client ID: ZZZZZ	Batch ID: R39732	TestNo: TO15	Analysis Date: 10/2/2003	SeqNo: 465248							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Ethyltoluene	11.96	0.50	10	0	120	65	135	0	0		
4-Methyl-2-pentanone	11.68	1.0	10	0	117	65	135	0	0		
Acetone	10.44	0.50	10	0	104	65	135	0	0		
Allyl chloride	10.76	0.50	10	0	108	65	135	0	0		
Benzene	10.54	0.50	10	0	105	65	135	0	0		
Benzyl chloride	11.4	2.0	10	0	114	65	135	0	0		
Bromodichloromethane	10.39	0.50	10	0	104	65	135	0	0		
Bromoethene(Vinyl Bromide)	10.46	0.50	10	0	105	65	135	0	0		
Bromoform	11.09	0.50	10	0	111	65	135	0	0		
Bromomethane	10.73	0.50	10	0	107	65	135	0	0		
Carbon disulfide	10.24	0.50	10	0	102	65	135	0	0		
Carbon tetrachloride	10.53	0.50	10	0	105	65	135	0	0		
Chlorobenzene	10.78	0.50	10	0	108	65	135	0	0		
Chloroethane	10.93	0.50	10	0	109	65	135	0	0		
Chloroform	10.44	0.50	10	0	104	65	135	0	0		
Chloromethane	10.69	0.50	10	0	107	65	135	0	0		
cis-1,2-Dichloroethene	10.58	0.50	10	0	106	65	135	0	0		
cis-1,3-Dichloropropene	11.09	0.50	10	0	111	65	135	0	0		
Cyclohexane	10.59	0.50	10	0	106	65	135	0	0		
Dibromochloromethane	11.21	0.50	10	0	112	65	135	0	0		
Dichlorodifluoromethane(F-12)	10.5	0.50	10	0	105	65	135	0	0		
Dichlorotetrafluoroethane(F-114)	10.94	0.50	10	0	109	65	135	0	0		
Ethyl Acetate	10.95	0.50	10	0	110	65	135	0	0		
Ethylbenzene	11.26	0.50	10	0	113	65	135	0	0		
Heptane	10.41	0.50	10	0	104	65	135	0	0		
Hexachlorobutadiene	10.77	1.0	10	0	108	65	135	0	0		
Hexane	10.79	0.50	10	0	108	65	135	0	0		
m&p-Xylene	22.35	1.0	20	0	112	65	135	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID	LCS-R39641	SampType:	LCS	TestCode:	TO15	Units:	ppbv	Prep Date:		Run ID:	MS05_031001A		
Client ID:	ZZZZZ	Batch ID:	R39641	TestNo:	TO15			Analysis Date:	10/1/2003	SeqNo:	463580		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichlorotrifluoroethane(F-113)		9.82		0.50	10	0	98.2	65	135	0	0		
Vinyl acetate		12.26		0.50	10	0	123	65	135	0	0		
Vinyl chloride		10.23		0.50	10	0	102	65	135	0	0		
Surr: 4-Bromofluorobenzene		10.44		0.50	10	0	104	70	130	0	0		

Sample ID	LCS-R39732	SampType: LCS	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS04_031002A					
Client ID:	ZZZZZ	Batch ID: R39732	TestNo: TO15		Analysis Date: 10/2/2003	SeqNo: 465248					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.7	0.50	10	0	107	65	135	0	0		
1,1,2,2-Tetrachloroethane	10.91	0.50	10	0	109	65	135	0	0		
1,1,2-Trichloroethane	10.49	0.50	10	0	105	65	135	0	0		
1,1-Dichloroethane	10.14	0.50	10	0	101	65	135	0	0		
1,1-Dichloroethene	10.53	0.50	10	0	105	65	135	0	0		
1,2,4-Trichlorobenzene	10.26	1.0	10	0	103	65	135	0	0		
1,2,4-Trimethylbenzene	12.53	0.50	10	0	125	65	135	0	0		
1,2-Dibromoethane	10.61	0.50	10	0	105	65	135	0	0		
1,2-Dichlorobenzene	11.36	0.50	10	0	114	65	135	0	0		
1,2-Dichloroethane	10	0.50	10	0	100	65	135	0	0		
1,2-Dichloropropane	10.4	0.50	10	0	104	65	135	0	0		
1,3,5-Trimethylbenzene	11.93	0.50	10	0	119	65	135	0	0		
1,3-Butadiene	10.41	0.50	10	0	104	65	135	0	0		
1,3-Dichlorobenzene	11.23	0.50	10	0	112	65	135	0	0		
1,4-Dichlorobenzene	11.14	0.50	10	0	111	65	135	0	0		
2,2,4-Trimethylpentane	10.51	0.50	10	0	105	65	135	0	0		
2-Butanone (MEK)	10.68	1.0	10	0	107	65	135	0	0		
2-Hexanone	12.01	1.0	10	0	120	65	135	0	0		
2-Propanol	10.42	1.0	10	0	104	65	135	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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■ Corporate Address: 1501 W. Knudsen Drive, Phoenix, Arizona 85027 Phone: 623.780.4800 Toll Free: 800.651.4802 Fax: 623.780.7695 www.aerotechlabs.com



CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: LCSD-R39641	SampType: LCSD	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS05_031001A						
Client ID: ZZZZZ	Batch ID: R39641	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463582						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	10.43	0.50	10	0	104	65	135	10.44	0.0958	25	
1,2-Dichlorobenzene	10.28	0.50	10	0	103	65	135	10.42	1.35	25	
1,2-Dichloroethane	10.35	0.50	10	0	104	65	135	10.49	1.34	25	
1,2-Dichloropropane	10.94	0.50	10	0	109	65	135	10.81	1.20	25	
1,3,5-Trimethylbenzene	11.89	0.50	10	0	119	65	135	11.88	0.0841	25	
1,3-Butadiene	10.38	0.50	10	0	104	65	135	10.58	1.91	25	
1,3-Dichlorobenzene	10.47	0.50	10	0	105	65	135	10.45	0.191	25	
1,4-Dichlorobenzene	10.71	0.50	10	0	107	65	135	10.78	0.651	25	
2,2,4-Trimethylpentane	11.41	0.50	10	0	114	65	135	11.34	0.615	25	
2-Butanone (MEK)	12.1	1.0	10	0	121	65	135	12.18	0.659	25	
2-Hexanone	11.18	1.0	10	0	112	65	135	11.16	0.179	25	
2-Propanol	9.87	1.0	10	0	98.7	65	135	9.86	2.15	25	
4-Ethyltoluene	12.06	0.50	10	0	121	65	135	12.06	0	25	
4-Methyl-2-pentanone	12.73	1.0	10	0	127	65	135	12.52	1.66	25	
Acetone	8.49	5.0	10	0	84.9	65	135	9.25	8.57	25	
Allyl chloride	11.36	0.50	10	0	114	65	135	11.23	1.15	25	
Benzene	11.37	0.50	10	0	114	65	135	11.32	0.441	25	
Benzyl chloride	11.96	2.0	10	0	120	65	135	11.88	0.840	25	
Bromodichloromethane	10.15	0.50	10	0	102	65	135	10.07	0.791	25	
Bromoethene(Vinyl Bromide)	9.93	0.50	10	0	99.3	65	135	10.17	2.39	25	
Bromoform	10.51	0.50	10	0	105	65	135	10.51	0	25	
Bromomethane	9.76	0.50	10	0	97.6	65	135	9.97	2.13	25	
Carbon disulfide	9.36	0.50	10	0	93.6	65	135	9.44	0.851	25	
Carbon tetrachloride	10.14	0.50	10	0	101	65	135	10.26	1.18	25	
Chlorobenzene	10.29	0.50	10	0	103	65	135	10.21	0.780	25	
Chloroethane	9.96	0.50	10	0	99.6	65	135	10.17	2.09	25	
Chloroform	10.1	0.50	10	0	101	65	135	10.13	0.297	25	
Chloromethane	9.76	0.50	10	0	97.6	65	135	10	2.43	25	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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■ Corporate Address: 1501 W. Knudsen Drive, Phoenix, Arizona 85027 Phone: 623.780.4800 Toll Free: 800.651.4802 Fax: 623.780.7695 www.aerotechlabs.com
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■ Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803



CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID	LCS-R39732	SampType: LCS	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS04_031002A					
Client ID:	ZZZZZ	Batch ID: R39732	TestNo: TO15		Analysis Date: 10/2/2003	SeqNo: 465248					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	11.16	1.0	10	0	112	65	135	0	0		
Methylene chloride	9.55	0.50	10	0	95.5	65	135	0	0		
o-Xylene	11.06	0.50	10	0	111	65	135	0	0		
Propane (Propylene)	11.03	0.50	10	0	110	65	135	0	0		
Styrene	11.6	0.50	10	0	116	65	135	0	0		
Tetrachloroethene	11.1	0.50	10	0	111	65	135	0	0		
Tetrahydrofuran	11.02	1.0	10	0	110	65	135	0	0		
Toluene	11.1	0.50	10	0	111	65	135	0	0		
trans-1,2-Dichloroethene	10.42	0.50	10	0	104	65	135	0	0		
trans-1,3-Dichloropropene	11.02	0.50	10	0	110	65	135	0	0		
Trichloroethene	10.91	0.50	10	0	109	65	135	0	0		
Trichlorofluoromethane(F-11)	10.73	0.50	10	0	107	65	135	0	0		
Trichlorotrifluoroethane(F-113)	10.11	0.50	10	0	101	65	135	0	0		
Vinyl acetate	10.86	0.50	10	0	108	65	135	0	0		
Vinyl chloride	11.21	0.50	10	0	112	65	135	0	0		
Surr: 4-Bromofluorobenzene	9.5	0.50	10	0	95	70	130	0	0		

Sample ID: LCSD-R39641	SampType: LCSD	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS05_031001A						
Client ID: ZZZZZ	Batch ID: R39641	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463582						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.08	0.50	10	0	101	65	135	10.24	1.57	25	
1,1,2,2-Tetrachloroethane	9.91	0.50	10	0	99.1	65	135	9.94	0.302	25	
1,1,2-Trichloroethane	10.25	0.50	10	0	103	65	135	10.25	0	25	
1,1-Dichloroethane	10.47	0.50	10	0	105	65	135	10.58	1.05	25	
1,1-Dichloroethene	10.64	0.50	10	0	106	65	135	10.62	0.188	25	
1,2,4-Trichlorobenzene	9.83	1.0	10	0	98.3	65	135	9.66	1.74	25	
1,2,4-Trimethylbenzene	12.08	0.50	10	0	121	65	135	12.05	0.249	25	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID	LCSD-R39732	SampType: LCSD	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS04_031002A					
Client ID:	ZZZZZ	Batch ID: R39732	TestNo: TO15		Analysis Date: 10/2/2003	SeqNo: 465249					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.89	0.50	10	0	107	65	135	10.7	0.0935	25	
1,1,2,2-Tetrachloroethane	10.86	0.50	10	0	109	65	135	10.91	0.459	25	
1,1,2-Trichloroethane	10.47	0.50	10	0	105	65	135	10.49	0.191	25	
1,1-Dichloroethane	10.38	0.50	10	0	104	65	135	10.14	2.15	25	
1,1-Dichloroethene	10.55	0.50	10	0	106	65	135	10.53	0.190	25	
1,2,4-Trichlorobenzene	11.53	1.0	10	0	115	65	135	10.28	11.7	25	
1,2,4-Trimethylbenzene	12.77	0.50	10	0	128	65	135	12.53	1.90	25	
1,2-Dibromoethane	10.72	0.50	10	0	107	65	135	10.61	1.03	25	
1,2-Dichlorobenzene	11.61	0.50	10	0	116	65	135	11.36	2.18	25	
1,2-Dichloroethane	10.12	0.50	10	0	101	65	135	10	1.19	25	
1,2-Dichloropropane	10.58	0.50	10	0	106	65	135	10.4	1.53	25	
1,3,5-Trimethylbenzene	12.08	0.50	10	0	121	65	135	11.93	1.08	25	
1,3-Butadiene	9.88	0.50	10	0	98.8	65	135	10.41	5.22	25	
1,3-Dichlorobenzene	11.41	0.50	10	0	114	65	135	11.23	1.59	25	
1,4-Dichlorobenzene	11.5	0.50	10	0	115	65	135	11.14	3.18	25	
2,2,4-Trimethylpentane	10.63	0.50	10	0	106	65	135	10.51	1.14	25	
2-Butanone (MEK)	10.79	1.0	10	0	108	65	135	10.68	1.02	25	
2-Hexanone	12.59	1.0	10	0	126	65	135	12.01	4.72	25	
2-Propanol	9.88	1.0	10	0	98.8	65	135	10.42	5.32	25	
4-Ethyltoluene	12.13	0.50	10	0	121	65	135	11.96	1.41	25	
4-Methyl-2-pentanone	11.98	1.0	10	0	120	65	135	11.68	2.54	25	
Acetone	10.53	5.0	10	0	105	65	135	10.44	0.858	25	
Allyl chloride	11.12	0.50	10	0	111	65	135	10.76	3.29	25	
Benzene	10.65	0.50	10	0	106	65	135	10.54	1.04	25	
Benzyl chloride	11.81	2.0	10	0	118	65	135	11.4	3.53	25	
Bromodichloromethane	10.46	0.50	10	0	105	65	135	10.39	0.671	25	
Bromoethene(Vinyl Bromide)	10.62	0.50	10	0	106	65	135	10.48	1.33	25	
Bromoform	11.23	0.50	10	0	112	65	135	11.09	1.25	25	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

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■ Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803



CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: LCSD-R39641	SampType: LCSD	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS05_031001A						
Client ID: ZZZZZ	Batch ID: R39641	TestNo: TO15		Analysis Date: 10/1/2003	SeqNo: 463582						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	10.94	0.50	10	0	109	65	135	11.09	1.38	25	
cis-1,3-Dichloropropene	11.99	0.50	10	0	120	65	135	11.95	0.334	25	
Cyclohexane	12.55	0.50	10	0	126	65	135	12.62	0.556	25	
Dibromochloromethane	10.14	0.50	10	0	101	65	135	10.04	0.991	25	
Dichlorodifluoromethane(F-12)	9.71	0.50	10	0	97.1	65	135	9.78	0.718	25	
Dichlorotetrafluoroethane(F-114)	9.86	0.50	10	0	98.6	65	135	9.97	1.11	25	
Ethyl Acetate	11.94	0.50	10	0	119	65	135	11.89	0.420	25	
Ethylbenzene	11.8	0.50	10	0	118	65	135	11.79	0.0848	25	
Heptane	11.22	0.50	10	0	112	65	135	11.13	0.805	25	
Hexachlorobutadiene	9.4	1.0	10	0	94	65	135	9.41	0.106	25	
Hexane	11.39	0.50	10	0	114	65	135	11.45	0.525	25	
m&p-Xylene	23.74	1.0	20	0	119	65	135	23.82	0.336	25	
Methyl tert-butyl ether	11.9	1.0	10	0	119	65	135	11.95	0.419	25	
Methylene chloride	9.05	0.50	10	0	90.5	65	135	9.01	0.443	25	
o-Xylene	11.73	0.50	10	0	117	65	135	11.75	0.170	25	
Propene (Propylene)	11.8	1.0	10	0	118	65	135	11.75	0.425	25	
Styrene	12.51	0.50	10	0	125	65	135	12.46	0.400	25	
Tetrachloroethene	10.38	0.50	10	0	104	65	135	10.37	0.0964	25	
Tetrahydrofuran	11.91	1.0	10	0	119	65	135	11.98	0.586	25	
Toluene	12.04	0.50	10	0	120	65	135	12.09	0.414	25	
trans-1,2-Dichloroethane	10.57	0.50	10	0	106	65	135	10.58	0.0946	25	
trans-1,3-Dichloropropene	12.06	0.50	10	0	121	65	135	11.86	1.67	25	
Trichloroethene	10.3	0.50	10	0	103	65	135	10.31	0.0970	25	
Trichlorofluoromethane(F-11)	10.04	0.50	10	0	100	65	135	10.32	2.75	25	
Trichlorotrifluoroethane(F-113)	9.84	0.50	10	0	98.4	65	135	9.82	0.203	25	
Vinyl acetate	12.26	0.50	10	0	123	65	135	12.25	0.163	25	
Vinyl chloride	10.23	0.50	10	0	102	65	135	10.23	0	25	
Surr: 4-Bromofluorobenzene	10.37	0.50	10	0	104	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

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Precision Analytical Laboratories
a division of Aerotech Laboratories, Inc.

CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: LCSD-R39732	SampType: LCSD	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS04_031002A						
Client ID: ZZZZZ	Batch ID: R39732	TestNo: TO15		Analysis Date: 10/2/2003	SeqNo: 465249						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	11.08	0.50	10	0	111	65	135	11.02	0.543	25	
Trichloroethene	11.08	0.50	10	0	111	65	135	10.91	1.55	25	
Trichlorofluoromethane(F-11)	10.79	0.50	10	0	108	65	135	10.73	0.558	25	
Trichlorotrifluoroethane(F-113)	10.19	0.50	10	0	102	65	135	10.11	0.788	25	
Vinyl acetate	10.97	0.50	10	0	110	65	135	10.86	1.01	25	
Vinyl chloride	10.86	0.50	10	0	107	65	135	11.21	5.03	25	
Surr: 4-Bromofluorobenzene	9.54	0.50	10	0	95.4	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
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Precision Analytical Laboratories
a division of Aerotech Laboratories, Inc.

CLIENT: Basin & Range Hydrogeologists
Work Order: 03100461
Project: Air Liquide/23018.016

ANALYTICAL QC SUMMARY REPORT

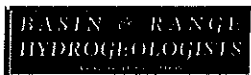
TestCode: TO15

Sample ID: LCSD-R39732	SampType: LCSD	TestCode: TO15	Units: ppbv	Prep Date:	Run ID: MS04_031002A						
Client ID: ZZZZZ	Batch ID: R39732	TestNo: TO15		Analysis Date: 10/2/2003	SeqNo: 465249						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	10.07	0.50	10	0	101	65	135	10.73	6.35	25	
Carbon disulfide	10.26	0.50	10	0	103	65	135	10.24	0.195	25	
Carbon tetrachloride	10.7	0.50	10	0	107	65	135	10.53	1.60	25	
Chlorobenzene	10.81	0.50	10	0	108	65	135	10.78	0.278	25	
Chloroethane	10.32	0.50	10	0	103	65	135	10.93	5.74	25	
Chloroform	10.6	0.50	10	0	106	65	135	10.44	1.52	25	
Chloromethane	10.26	0.50	10	0	103	65	135	10.69	4.11	25	
cis-1,2-Dichloroethane	10.8	0.50	10	0	108	65	135	10.56	0.378	25	
cis-1,3-Dichloropropene	11.19	0.50	10	0	112	65	135	11.09	0.898	25	
Cyclohexane	10.63	0.50	10	0	106	65	135	10.59	0.377	25	
Dibromochloromethane	11.28	0.50	10	0	113	65	135	11.21	0.622	25	
Dichlorodifluoromethane(F-12)	10.5	0.50	10	0	105	65	135	10.5	0	25	
Dichlorotetrafluoroethane(F-114)	10.5	0.50	10	0	105	65	135	10.94	4.10	25	
Ethyl Acetate	11.09	0.50	10	0	111	65	135	10.95	1.27	25	
Ethylbenzene	11.47	0.50	10	0	115	65	135	11.26	1.85	25	
Heptane	10.34	0.50	10	0	103	65	135	10.41	0.675	25	
Hexachlorobutadiene	11.09	1.0	10	0	111	65	135	10.77	2.93	25	
Hexane	10.8	0.50	10	0	108	65	135	10.79	0.0926	25	
m&p-Xylene	22.57	1.0	20	0	113	65	135	22.35	0.980	25	
Methyl tert-butyl ether	11.3	1.0	10	0	113	65	135	11.16	1.25	25	
Methylene chloride	9.6	0.50	10	0	96	65	135	9.55	0.522	25	
o-Xylene	11.06	0.50	10	0	111	65	135	11.06	0	25	
Propene (Propylene)	11.01	0.50	10	0	110	65	135	11.03	0.181	25	
Styrene	11.79	0.50	10	0	118	65	135	11.6	1.62	25	
Tetrachloroethene	11.28	0.50	10	0	113	65	135	11.1	1.61	25	
Tetrahydrofuran	11.24	1.0	10	0	112	65	135	11.02	1.98	25	
Toluene	11.07	0.50	10	0	111	65	135	11.1	0.271	25	
trans-1,2-Dichloroethene	10.5	0.50	10	0	105	65	135	10.42	0.765	25	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

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CHAIN-OF-CUSTODY RECORD



Electronic Data Deliverable Required? Yes ☒ No ☐ X

Deadline for web/e-mail results: 10/15/03
Deadline for final report: 10/17/03

Page 1 of 1

Start Date: 10/01/03
Completion Date: 10/01/03

Site Identification: Air Liquide
Project or Release No.: 23018.016

Send Invoice To:
Company: BASIN & RANGE
Address: 2800 North 24th Street, Phoenix, AZ
Phone No.: 602-840-3333
Attention: D. Chapman
Fax No.: 602-840-8011

Send Analytical Report To:
BASIN & RANGE HYDROGEOLOGISTS, INC.
2800 North 24th Street, Phoenix, Arizona, 85008
Attention: Ray Craft
Phone: 602-840-3333
Fax: 602-840-8011
Email: rcraft@basin-and-range.com

Environmental Laboratory Information:
Company: Precision Analytical Laboratories
Address: 4645 East Cotton Center Blvd. Bldg. 3 Suite 189, Phoenix AZ 85040
Phone No.: 602-437-3340
Fax No.: 602-445-6192

Sample Identification Code	Sample Date	Sample Time	Container Serial #	Matrix	No. of Samples (Total)	Containers	Laboratory ID	Analyses Requested	Special Notes
AL-VP07A-0903	10/01/03	8:26	00271	AIR	1			X	
AL-VP07B-0903	10/01/03	9:42	00175	AIR	1			X	
AL-VP07C-0903	10/01/03	10:15	00176	AIR	1			X	
AL-SG27-0903	10/01/03	11:22	00168	AIR	1			X	
AL-VP06Z-0903	10/01/03	13:26	00203	AIR	1			X	

Sample(s) Name(s): Chris Haurichan

Data Quality Objectives or Additional Instructions:
Precision Analytical is authorized to charge a total of \$2650.00 (3 back up canisters @ \$50 a piece) total for this project. Please see attached table, TABLE 1 for target analytes and their appropriate PQLs. One or more of the following compounds must be used as QC spikes: 1,1,1-Trichloroethane, 1,1-Dichloroethene, 1,1-Dichloroethane, Trichloroethene, Tetrachloroethene.

1. Relinquished By (Company Name): Basin & Range Hydrogeologists	2. Received By (Company Name): PAC	3. Relinquished By (Company Name):	4. Received By (Company Name):
Print Name: Eric Sammers	Print Name: Tracy MacArthur	Print Name:	Print Name:
Signature: Eric Sammers	Signature: Tracy MacArthur	Signature:	Signature:
Date: 10-1-03 Time: 1732	Date: 10-1-03 Time: 1732	Date:	Date:

Precision Analytical Laboratories

Sample Receipt Checklist

Project Checked By: _____

Date and Time Received: 10-1-03 1732

Received by: TM

Checklist completed by: T. MacArthur 10-1

Signature: _____

Carrier name: Eric Sammers

Matrix: Air

Containers: _____

Brass Sleeves: _____

Glass Jars: _____

Methanol Kits: _____

Not Present: _____

Not Present: _____

Not Present: _____

Shipping container/cooler in good condition? Yes ☒ No ☐

Custody seals intact on shipping container/cooler? Yes ☐ No ☐

Custody seals intact on sample bottles? Yes ☐ No ☐

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Do different containers of the same sample vary in appearance? Yes ☐ No ☒ (If yes, contact PM)

Water - VOA vials have zero headspace? Yes ☒ No ☐ VOA submitted ☒ No VOA submitted ☐

Number of sample bottles: 8 Acid Preserved: _____ Decolorator: _____ Unpreserved: _____ NaOH: _____

Temperature of samples: Ambient ☒ Blue Ice: _____ Wet Ice: _____ Not Present ☒

Water - pH acceptable upon receipt? Yes ☐ No ☐

pH: Metals 413.1 _____ Total Phenols _____

Cyanide 418.1 _____

Nutrients _____ Sulfide _____

Adjusted? _____ Results? _____

Any No response must be detailed in the comments section below:

Person/Client contacted: _____ Date contacted: _____ Contacted by: _____

Comments: Received an extra grab sampler.

Corrective Action: _____



AMENDED REPORT

November 07, 2003

Ray Craft
Basin & Range Hydrogeologists
2800 N 24th St
Phoenix, AZ 85008

RE: Air Liquide/23018.016

Dear Ray Craft:
Order 03100461

This report has been amended to include Method TO-15 results in $\mu\text{g}/\text{m}^3$ units.

Precision Analytical Laboratories received 5 samples on 10/01/2003 for the analyses presented in the following report.

This report includes the following information:

- Case Narrative.
- Analytical Report: includes test results, report limit (Limit), any applicable data qualifier
- (Qual), units, dilution factor (DF), and date analyzed.
- QC Summary Report.

This communication is intended only for the individual or entity to whom it is directed. It may contain information that is privileged, confidential, or otherwise exempt from disclosure under applicable law. Dissemination, distribution, or copying of this communication by anyone other than the intended recipient, or a duly designated employee or agent of such recipient, is prohibited. If you have received this communication in error, please notify us immediately and destroy this message and all attachments thereto. If you have any questions regarding these test results, please do not hesitate to call.

Marcia A. Smith
Marcia A. Smith
Vice President - Client Services

Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-01A
Client Sample ID: AL-VP07A-0903
Tag Number: 00271
Collection Date: 10/1/2003 8:25:00 AM
Matrix: AIR

Analyses	Result	Limit	ppbv	Result	Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR								
1,1,1-Trichloroethane	17000	1000	TO15	94000	5500	D2	2000	Analyst: JG 10/3/2003
1,1,2,2-Tetrachloroethane	< 100	100		< 700	700		200	10/2/2003
1,1,2-Trichloroethane	< 100	100		< 550	550		200	10/2/2003
1,1-Dichloroethane	5500	100		23000	410	D2	200	10/2/2003
1,1-Dichloroethene	8700	100		35000	400	D2	200	10/2/2003
1,2,4-Trichlorobenzene	< 200	200		< 1500	1500		200	10/2/2003
1,2,4-Trimethylbenzene	< 100	100		< 500	500		200	10/2/2003
1,2-Dibromoethane	< 100	100		< 780	780		200	10/2/2003
1,2-Dichlorobenzene	< 100	100		< 610	610		200	10/2/2003
1,2-Dichloroethane	< 100	100		< 410	410		200	10/2/2003
1,2-Dichloropropane	< 100	100		< 470	470		200	10/2/2003
1,3,5-Trimethylbenzene	< 100	100		< 500	500		200	10/2/2003
1,3-Butadiene	< 100	100		< 220	220		200	10/2/2003
1,3-Dichlorobenzene	< 100	100		< 610	610		200	10/2/2003
1,4-Dichlorobenzene	< 100	100		< 610	610		200	10/2/2003
2,2,4-Trimethylpentane	< 100	100		< 240	240		200	10/2/2003
2-Butanone (MEK)	< 200	200		< 600	600		200	10/2/2003
2-Hexanone	< 200	200		< 830	830		200	10/2/2003
2-Propanol	< 200	200		< 500	500		200	10/2/2003
4-Ethyltoluene	< 100	100		< 440	440		200	10/2/2003
4-Methyl-2-pentanone	< 200	200		< 830	830		200	10/2/2003
Acetone	< 1000	1000		< 2400	2400		200	10/2/2003
Allyl chloride	< 100	100		< 160	160		200	10/2/2003
Benzene	< 100	100		< 320	320		200	10/2/2003
Benzyl chloride	< 400	400		< 2100	2100		200	10/2/2003
Bromodichloromethane	< 100	100		< 680	680		200	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantization range



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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-01A

Client Sample ID: AL-VP07A-0903
Tag Number: 00271
Collection Date: 10/1/2003 8:26:00 AM
Matrix: AIR

Analyses	ppbv		µg/m ³		DF	Date Analyzed
	Result	Limit	Result	Limit		
VOLATILE ORGANICS IN AIR		TO15				Analyst: JG
Bromoethene(Vinyl Bromide)	< 100	100	< 220	220	200	10/2/2003
Bromobenzene	< 100	100	< 1000	1000	200	10/2/2003
Bromochloromethane	< 100	100	< 400	400	200	10/2/2003
Carbon disulfide	< 100	100	< 320	320	200	10/2/2003
Carbon tetrachloride	< 100	100	< 640	640	200	10/2/2003
Chlorobenzene	< 100	100	< 470	470	200	10/2/2003
Chloroethane	< 100	100	< 270	270	200	10/2/2003
Chloroform	< 100	100	< 500	500	200	10/2/2003
Chloromethane	< 100	100	< 210	210	200	10/2/2003
cis-1,2-Dichloroethene	< 100	100	< 400	400	200	10/2/2003
cis-1,3-Dichloropropene	< 100	100	< 460	460	200	10/2/2003
Cyclohexane	< 100	100	< 350	350	200	10/2/2003
Dibromochloromethane	< 100	100	< 860	860	200	10/2/2003
Dichlorodifluoromethane(F-12)	< 100	100	< 500	500	200	10/2/2003
Dichlorotrifluoroethane(F-114)	< 100	100	< 710	710	200	10/2/2003
Ethyl Acetate	< 100	100	< 370	370	200	10/2/2003
Ethylbenzene	< 100	100	< 440	440	200	10/2/2003
Heptane	< 100	100	< 420	420	200	10/2/2003
Hexachlorobutadiene	< 200	200	< 2200	2200	200	10/2/2003
Hexane	< 100	100	< 360	360	200	10/2/2003
m,p-Xylene	< 200	200	< 880	880	200	10/2/2003
Methyl tert-butyl ether	< 200	200	< 730	730	200	10/2/2003
Methylene chloride	< 100	100	< 350	350	200	10/2/2003
o-Xylene	< 100	100	< 440	440	200	10/2/2003
Propene (Propylene)	< 200	200	< 350	350	200	10/2/2003
Styrene	< 100	100	< 430	430	200	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
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Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-01A

Client Sample ID: AL-VP07A-0903
Tag Number: 00271
Collection Date: 10/1/2003 8:26:00 AM
Matrix: AIR

Analyses	ppbv		µg/m ³		DF	Date Analyzed
	Result	Limit	Result	Limit		
VOLATILE ORGANICS IN AIR		TO15				Analyst: JG
Tetrachloroethene	400	100	2800	690	D2	10/2/2003
Tetrahydrofuran	< 200	200	< 600	600	200	10/2/2003
Toluene	< 100	100	< 380	380	200	10/2/2003
trans-1,2-Dichloroethene	< 100	100	< 400	400	200	10/2/2003
trans-1,3-Dichloropropane	< 100	100	< 460	460	200	10/2/2003
Trichloroethene	130	100	720	550	D2	10/2/2003
Trichlorofluoromethane(F-11)	320	100	1800	570	D2	10/2/2003
Trichlorotrifluoroethane(F-113)	< 100	100	< 780	780	200	10/2/2003
Vinyl acetate	< 100	100	< 360	360	200	10/2/2003
Vinyl chloride	< 100	100	< 260	260	200	10/2/2003
Surf: 4-Bromofluorobenzene	97.8 %acc	70-130	-	-	200	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-02A

Client Sample ID: AL-VP07B-0903
Tag Number: 00175
Collection Date: 10/1/2003 9:42:00 AM
Matrix: AIR

Analyses	ppbv		µg/m³				Date Analyzed	
	Result	Limit	Result	Limit	Qual	DF		
VOLATILE ORGANICS IN AIR								
1,1,1-Trichloroethane	47000	1000	260000	5500	D2	2000	Analyst: JG	
1,1,2,2-Tetrachloroethane	< 100	100	< 700	700		200	10/3/2003	
1,1,2-Trichloroethane	100	100	550	550	D2	200	10/2/2003	
1,1-Dichloroethane	8900	100	37000	410	D2	200	10/2/2003	
1,1-Dichloroethene	8900	1000	35000	4000	D2	2000	10/3/2003	
1,2,4-Trichlorobenzene	< 200	200	< 1500	1500		200	10/2/2003	
1,2,4-Trimethylbenzene	< 100	100	< 500	500		200	10/2/2003	
1,2-Dibromoethane	< 100	100	< 760	760		200	10/2/2003	
1,2-Dichlorobenzene	< 100	100	< 610	610		200	10/2/2003	
1,2-Dichloroethane	< 100	100	< 410	410		200	10/2/2003	
1,2-Dichloropropane	< 100	100	< 470	470		200	10/2/2003	
1,3,5-Trimethylbenzene	< 100	100	< 500	500		200	10/2/2003	
1,3-Butadiene	< 100	100	< 220	220		200	10/2/2003	
1,3-Dichlorobenzene	< 100	100	< 610	610		200	10/2/2003	
1,4-Dichlorobenzene	< 100	100	< 610	610		200	10/2/2003	
2,2,4-Trimethylpentane	< 100	100	< 240	240		200	10/2/2003	
2-Butanone (MEK)	< 200	200	< 600	600		200	10/2/2003	
2-Hexanone	< 200	200	< 830	830		200	10/2/2003	
2-Propanol	< 200	200	< 500	500		200	10/2/2003	
4-Ethyltoluene	< 100	100	< 440	440		200	10/2/2003	
4-Methyl-2-pentanone	< 200	200	< 830	830		200	10/2/2003	
Acetone	< 1000	1000	< 2400	2400		200	10/2/2003	
Allyl chloride	< 100	100	< 160	160		200	10/2/2003	
Benzene	< 100	100	< 320	320		200	10/2/2003	
Benzyl chloride	< 400	400	< 2100	2100		200	10/2/2003	
Bromodichloromethane	< 100	100	< 680	680		200	10/2/2003	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 602.437.3340
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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-02A

Client Sample ID: AL-VP07B-0903
Tag Number: 00175
Collection Date: 10/1/2003 9:42:00 AM
Matrix: AIR

Analyses	ppbv		µg/m³		Limit	Qual	DF	Date Analyzed
	Result	Limit	Result	Limit				
VOLATILE ORGANICS IN AIR								
Bromochloroethane(Vinyl Bromide)	< 100	100	< 220	220			200	Analyst: JG 10/2/2003
Bromoform	< 100	100	< 1000	1000			200	10/2/2003
Bromomethane	< 100	100	< 400	400			200	10/2/2003
Carbon disulfide	< 100	100	< 320	320			200	10/2/2003
Carbon tetrachloride	< 100	100	< 640	640			200	10/2/2003
Chlorobenzene	< 100	100	< 470	470			200	10/2/2003
Chloroethane	< 100	100	< 270	270			200	10/2/2003
Chloroform	< 100	100	< 500	500			200	10/2/2003
Chloromethane	< 100	100	< 210	210			200	10/2/2003
cis-1,2-Dichloroethane	< 100	100	< 400	400			200	10/2/2003
cis-1,3-Dichloropropene	< 100	100	< 460	460			200	10/2/2003
Cyclohexane	< 100	100	< 350	350			200	10/2/2003
Dibromochloromethane	< 100	100	< 860	860			200	10/2/2003
Dichlorodifluoromethane(F-12)	< 100	100	< 500	500			200	10/2/2003
Dichlorotetrafluoroethane(F-114)	< 100	100	< 710	710			200	10/2/2003
Ethyl Acetate	< 100	100	< 370	370			200	10/2/2003
Ethylbenzene	< 100	100	< 440	440			200	10/2/2003
Heptane	< 100	100	< 420	420			200	10/2/2003
Hexachlorobutadiene	< 200	200	< 2200	2200			200	10/2/2003
Hexane	< 100	100	< 360	360			200	10/2/2003
m&p-Xylene	< 200	200	< 880	880			200	10/2/2003
Methyl tert-butyl ether	< 200	200	< 730	730			200	10/2/2003
Methylene chloride	< 100	100	< 350	350			200	10/2/2003
o-Xylene	< 100	100	< 440	440			200	10/2/2003
Propane (Propylene)	720	200	1300	350	D2		200	10/2/2003
Styrene	< 100	100	< 430	430			200	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 602.437.3340
Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-02A

Client Sample ID: AL-VP07B-0903
Tag Number: 00175
Collection Date: 10/17/2003 9:42:00 AM
Matrix: AIR

Analyses	ppbv		µg/m³		Limit	Qual	DF	Date Analyzed
	Result	Limit	Result	Limit				
VOLATILE ORGANICS IN AIR								
Tetrachloroethene	360	100	2400	690	D2	200		Analyst: JG 10/2/2003
Tetrahydrofuran	< 200	200	< 600	600		200		10/2/2003
Toluene	< 100	100	< 380	380		200		10/2/2003
trans-1,2-Dichloroethene	< 100	100	< 400	400		200		10/2/2003
trans-1,3-Dichloropropene	< 100	100	< 460	460		200		10/2/2003
Trichloroethene	150	100	830	550	D2	200		10/2/2003
Trichlorofluoromethane(F-11)	470	100	2700	570	D2	200		10/2/2003
Trichlorotrifluoroethane(F-113)	< 100	100	< 780	780		200		10/2/2003
Vinyl acetate	< 100	100	< 360	360		200		10/2/2003
Vinyl chloride	< 100	100	< 260	260		200		10/2/2003
Surr: 4-Bromofluorobenzene	98.5 WREC	70-130	-	-		200		10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level
Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 602.446.6192 www.aerotechlabs.com
Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

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Aerotech Environmental Laboratories

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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-03A

Client Sample ID: AL-VP07C-0903
Tag Number: 00226
Collection Date: 10/17/2003 10:15:00 AM
Matrix: AIR

Analyses	ppbv		µg/m³		Qual	DF	Date Analyzed
	Result	Limit	Result	Limit			
VOLATILE ORGANICS IN AIR							
1,1,1-Trichloroethane	150000	2015	830000	11000	D2	4000	Analyst: JG 10/2/2003
1,1,2,2-Tetrachloroethane	< 100	100	< 700	700		200	10/2/2003
1,1,2-Trichloroethane	< 100	100	< 550	550		200	10/2/2003
1,1-Dichloroethane	23000	2000	95000	8200	D2	4000	10/2/2003
1,1-Dichloroethane	10000	2000	40000	8100	D2	4000	10/2/2003
1,2,4-Trichlorobenzene	< 200	200	< 1500	1500		200	10/2/2003
1,2,4-Trimethylbenzene	< 100	100	< 500	500		200	10/2/2003
1,2-Dibromoethane	< 100	100	< 780	780		200	10/2/2003
1,2-Dichlorobenzene	< 100	100	< 610	610		200	10/2/2003
1,2-Dichloroethane	< 100	100	< 410	410		200	10/2/2003
1,2-Dichloropropane	< 100	100	< 470	470		200	10/2/2003
1,3,5-Trimethylbenzene	< 100	100	< 500	500		200	10/2/2003
1,3-Butadiene	< 100	100	< 220	220		200	10/2/2003
1,3-Dichlorobenzene	< 100	100	< 610	610		200	10/2/2003
1,4-Dichlorobenzene	< 100	100	< 610	610		200	10/2/2003
2,2,4-Trimethylpentane	< 100	100	< 240	240		200	10/2/2003
2-Butanone (MEK)	< 200	200	< 600	600		200	10/2/2003
2-Hexanone	< 200	200	< 830	830		200	10/2/2003
2-Propanol	< 200	200	< 500	500		200	10/2/2003
4-Ethyltoluene	< 100	100	< 440	440		200	10/2/2003
4-Methyl-2-pentanone	< 200	200	< 830	830		200	10/2/2003
Acetone	< 1000	1000	< 2400	2400		200	10/2/2003
Allyl chloride	< 100	100	< 160	160		200	10/2/2003
Benzene	< 100	100	< 320	320		200	10/2/2003
Benzyl chloride	< 400	400	< 2100	2100		200	10/2/2003
Bromodichloromethane	< 100	100	< 680	680		200	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level
Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 602.446.6192 www.aerotechlabs.com
Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-03A
Matrix: AIR

Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-03A
Matrix: AIR

Analyses	ppbv		µg/m³		Qual	DF	Date Analyzed
	Result	Limit	Result	Limit			
VOLATILE ORGANICS IN AIR							
Bromoethene(Vinyl Bromide)	< 100	TO15 100	< 220	220	200		Analyst: JG 10/2/2003
Bromoclorom	< 100	100	< 1000	1000	200		10/2/2003
Bromomethane	< 100	100	< 400	400	200		10/2/2003
Carbon disulfide	< 100	100	< 320	320	200		10/2/2003
Carbon tetrachloride	< 100	100	< 640	640	200		10/2/2003
Chlorobenzene	< 100	100	< 470	470	200		10/2/2003
Chloroethane	< 100	100	< 270	270	200		10/2/2003
Chloroform	< 100	100	< 500	500	200		10/2/2003
Chloromethane	< 100	100	< 210	210	200		10/2/2003
cis-1,2-Dichloroethene	< 100	100	< 400	400	200		10/2/2003
cis-1,3-Dichloropropene	< 100	100	< 480	480	200		10/2/2003
Cyclohexane	< 100	100	< 350	350	200		10/2/2003
Dibromochloromethane	< 100	100	< 860	860	200		10/2/2003
Dichlorodifluoromethane(F-12)	< 100	100	< 500	500	200		10/2/2003
Dichlorotetrafluoroethane(F-114)	< 100	100	< 710	710	200		10/2/2003
Ethyl Acetate	< 100	100	< 370	370	200		10/2/2003
Ethylbenzene	< 100	100	< 440	440	200		10/2/2003
Heptane	< 100	100	< 420	420	200		10/2/2003
Hexachlorobutadiene	< 200	200	< 2200	2200	200		10/2/2003
Hexane	< 100	100	< 380	380	200		10/2/2003
m&p-Xylene	< 200	200	< 880	880	200		10/2/2003
Methyl tert-butyl ether	< 200	200	< 730	730	200		10/2/2003
Methylene chloride	< 100	100	< 350	350	200		10/2/2003
o-Xylene	< 100	100	< 440	440	200		10/2/2003
Propene (Propylene)	390	200	680	350	D2		10/2/2003
Styrene	< 100	100	< 430	430	200		10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
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Analyses	ppbv		µg/m³		Limit	Qual	DF	Date Analyzed
	Result	Limit	Result	Limit				
VOLATILE ORGANICS IN AIR								
Tetrachloroethene	150	100	1000	690	D2	200		Analyst: JG 10/2/2003
Tetrahydrofuran	< 200	200	< 600	600		200		10/2/2003
Toluene	< 100	100	< 380	380		200		10/2/2003
trans-1,2-Dichloroethene	< 100	100	< 400	400		200		10/2/2003
trans-1,3-Dichloropropene	< 100	100	< 460	460		200		10/2/2003
Trichloroethene	< 100	100	< 550	550		200		10/2/2003
Trichlorofluoromethane(F-11)	610	100	3500	570	D2	200		10/2/2003
Trichlorotrifluoroethane(F-113)	< 100	100	< 780	780		200		10/2/2003
Vinyl acetate	< 100	100	< 360	360		200		10/2/2003
Vinyl chloride	< 100	100	< 260	260		200		10/2/2003
Surr: 4-Bromofluorobenzene	97.8 wrec	70-130	-	-	-	200		10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
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* - Value exceeds Maximum Contaminant Level
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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-04A

Client Sample ID: AL-SG27-0903
Tag Number: 00168
Collection Date: 10/1/2003 11:22:00 AM
Matrix: AIR

Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-04A

Client Sample ID: AL-SG27-0903
Tag Number: 00168
Collection Date: 10/1/2003 11:22:00 AM
Matrix: AIR

Analyses	Result	Limit	Result	Limit	ppbv	Result	Limit	Result	Limit	µg/m ³	DF	Date Analyzed
VOLATILE ORGANICS IN AIR												
1,1,1-Trichloroethane	40	10	220	55	D2	20	10/2/2003	Analyst: JG	10/2/2003			
1,1,2,2-Tetrachloroethane	< 10	10	< 70	70		20	10/2/2003					
1,1,2-Trichloroethane	< 10	10	< 55	55		20	10/2/2003					
1,1-Dichloroethane	140	10	580	41	D2	20	10/2/2003					
1,1-Dichloroethene	420	10	1700	40	D2	20	10/2/2003					
1,2,4-Trichlorobenzene	< 20	20	< 150	150		20	10/2/2003					
1,2,4-Trimethylbenzene	84	10	420	50	D2	20	10/2/2003					
1,2-Dibromoethane	< 10	10	< 78	78		20	10/2/2003					
1,2-Dichlorobenzene	< 10	10	< 61	61		20	10/2/2003					
1,2-Dichloroethane	< 10	10	< 41	41		20	10/2/2003					
1,2-Dichloropropane	< 10	10	< 47	47		20	10/2/2003					
1,3,5-Trimethylbenzene	21	10	100	50	D2	20	10/2/2003					
1,3-Butadiene	< 10	10	< 22	22		20	10/2/2003					
1,3-Dichlorobenzene	< 10	10	< 61	61		20	10/2/2003					
1,4-Dichlorobenzene	11	10	67	61	D2	20	10/2/2003					
2,2,4-Trimethylpentane	100	10	240	24	D2	20	10/2/2003					
2-Butanone (MEK)	160	20	480	60	D2	20	10/2/2003					
2-Hexanone	< 20	20	< 83	83		20	10/2/2003					
2-Propanol	24	20	60	50	D2	20	10/2/2003					
4-Ethyltoluene	38	10	160	44	D2	20	10/2/2003					
4-Methyl-2-pentanone	< 20	20	< 83	83		20	10/2/2003					
Acetone	1800	500	4300	1200	D2	100	10/2/2003					
Allyl chloride	< 10	10	< 16	16		20	10/2/2003					
Benzene	150	10	480	32	D2	20	10/2/2003					
Benzyl chloride	< 40	40	< 210	210		20	10/2/2003					
Bromodichloromethane	< 10	10	< 68	68		20	10/2/2003					

Qualifiers: ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
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Phoenix Facility: 4645 E. Cotton Center Boulevard, Building 3, Suite 180 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 602.446.6162 www.aerotechlabs.com

Analyses	Result	Limit	Result	Limit	ppbv	Result	Limit	Result	Limit	µg/m ³	DF	Date Analyzed
VOLATILE ORGANICS IN AIR												
Bromoethene(Vinyl Bromide)	< 10	10	< 22	22		20	10/2/2003	Analyst: JG	10/2/2003			
Bromoforn	< 10	10	< 100	100		20	10/2/2003					
Bromomethane	< 10	10	< 40	40		20	10/2/2003					
Carbon disulfide	< 10	10	< 32	32		20	10/2/2003					
Carbon tetrachloride	< 10	10	< 64	64		20	10/2/2003					
Chlorobenzene	< 10	10	< 47	47		20	10/2/2003					
Chloroethane	< 10	10	< 27	27		20	10/2/2003					
Chloroform	< 10	10	< 50	50		20	10/2/2003					
Chloromethane	< 10	10	< 21	21		20	10/2/2003					
cis-1,2-Dichloroethane	< 10	10	< 40	40		20	10/2/2003					
cis-1,3-Dichloropropene	< 10	10	< 46	46		20	10/2/2003					
Cyclohexane	< 10	10	< 35	35		20	10/2/2003					
Dibromochloromethane	< 10	10	< 86	86		20	10/2/2003					
Dichlorodifluoromethane(F-12)	< 10	10	< 50	50		20	10/2/2003					
Dichlorotrifluoroethane(F-114)	< 10	10	< 71	71		20	10/2/2003					
Ethyl Acetate	< 10	10	< 37	37		20	10/2/2003					
Ethylbenzene	150	10	660	44	D2	20	10/2/2003					
Heptane	150	10	620	42	D2	20	10/2/2003					
Hexachlorobutadiene	< 20	20	< 220	220		20	10/2/2003					
Hexane	170	10	610	36	D2	20	10/2/2003					
m,p-Xylene	480	20	2000	88	D2	20	10/2/2003					
Methyl tert-butyl ether	2300	100	8400	370	D2	100	10/2/2003					
Methylene chloride	< 10	10	< 35	35		20	10/2/2003					
o-Xylene	130	10	570	44	D2	20	10/2/2003					
Propane (Propylene)	270	10	470	18	D2	20	10/2/2003					
Styrene	< 10	10	< 43	43		20	10/2/2003					

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-04A
Tag Number: 00168
Collection Date: 10/1/2003 11:22:00 AM
Matrix: AIR

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/23018.016
Lab ID: 03100461-05A
Tag Number: 00203
Collection Date: 10/1/2003 1:26:00 PM
Matrix: AIR

Analyses	ppbv		µg/m³		Qual	DF	Date Analyzed
	Result	Limit	Result	Limit			
VOLATILE ORGANICS IN AIR							
Tetrachloroethene	300	10	2100	69	D2	20	Analyst: JG 10/2/2003
Tetrahydrofuran	< 20	20	< 60	60		20	10/2/2003
Toluene	800	10	3100	38	D2	20	10/2/2003
trans-1,2-Dichloroethene	< 10	10	< 40	40		20	10/2/2003
trans-1,3-Dichloropropene	< 10	10	< 46	46		20	10/2/2003
Trichloroethene	64	10	350	55	D2	20	10/2/2003
Trichlorofluoromethane(F-11)	410	10	2300	57	D2	20	10/2/2003
Trichlorofluoroethane(F-113)	< 10	10	< 78	78		20	10/2/2003
Vinyl acetate	< 10	10	< 36	36		20	10/2/2003
Vinyl chloride	< 10	10	< 26	26		20	10/2/2003
Surr. 4-Bromofluorobenzene	94.4 %REC	70-130	-	-		20	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

Analyses	ppbv		µg/m³		Qual	DF	Date Analyzed
	Result	Limit	Result	Limit			
VOLATILE ORGANICS IN AIR							
1,1,1-Trichloroethane	9900000	200000	5500000	1100000	D2	400000	Analyst: JG 10/2/2003
1,1,2,2-Tetrachloroethane	< 5000	5000	< 35000	35000		10000	10/2/2003
1,1,2-Trichloroethane	< 5000	5000	< 28000	28000		10000	10/2/2003
1,1-Dichloroethane	420000	5000	1700000	21000	D2	10000	10/2/2003
1,1-Dichloroethene	110000	5000	440000	20000	D2	10000	10/2/2003
1,2,4-Trichlorobenzene	< 10000	10000	< 75000	75000		10000	10/2/2003
1,2,4-Trimethylbenzene	< 5000	5000	< 25000	25000		10000	10/2/2003
1,2-Dibromoethane	< 5000	5000	< 39000	39000		10000	10/2/2003
1,2-Dichlorobenzene	< 5000	5000	< 31000	31000		10000	10/2/2003
1,2-Dichloroethane	< 5000	5000	< 21000	21000		10000	10/2/2003
1,2-Dichloropropane	< 5000	5000	< 24000	24000		10000	10/2/2003
1,3,5-Trimethylbenzene	< 5000	5000	< 25000	25000		10000	10/2/2003
1,3-Butadiene	< 5000	5000	< 11000	11000		10000	10/2/2003
1,3-Dichlorobenzene	< 5000	5000	< 31000	31000		10000	10/2/2003
1,4-Dichlorobenzene	< 5000	5000	< 31000	31000		10000	10/2/2003
2,2,4-Trimethylpentane	< 5000	5000	< 12000	12000		10000	10/2/2003
2-Butanone (MEK)	< 10000	10000	< 30000	30000		10000	10/2/2003
2-Hexanone	< 10000	10000	< 42000	42000		10000	10/2/2003
2-Propanol	< 10000	10000	< 25000	25000		10000	10/2/2003
4-Ethyltoluene	< 5000	5000	< 22000	22000		10000	10/2/2003
4-Methyl-2-pentanone	< 10000	10000	< 42000	42000		10000	10/2/2003
Acetone	< 50000	50000	< 12000	120000		10000	10/2/2003
Allyl chloride	< 5000	5000	< 8000	8000		10000	10/2/2003
Benzene	< 5000	5000	< 16000	16000		10000	10/2/2003
Benzyl chloride	< 20000	20000	< 11000	110000		10000	10/2/2003
Bromodichloromethane	< 5000	5000	< 34000	34000		10000	10/2/2003

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Precision Analytical Laboratories

Date: 07-Nov-03

CLIENT: Basin & Range Hydrogeologists
Lab Order: 03100461
Project: Air Liquide/Z3018.016
Lab ID: 03100461-05A

Client Sample ID: AL-VP06Z-0903
Tag Number: 00203
Collection Date: 10/1/2003 1:26:00 PM
Matrix: AIR

Precision Analytical Laboratories

Date: 07-Nov-03

Client Sample ID: AL-VP06Z-0903
Tag Number: 00203
Collection Date: 10/1/2003 1:26:00 PM
Matrix: AIR

Analyses	ppbv		µg/m³		Limit	Qual	DF	Date Analyzed
	Result	Limit	Result	Limit				
VOLATILE ORGANICS IN AIR								
Bromoethane(Vinyl Bromide)	< 5000	5000	< 11000	11000			10000	Analyst: JG 10/2/2003
Bromodorm	< 5000	5000	< 52000	52000			10000	10/2/2003
Bromomethane	< 5000	5000	< 20000	20000			10000	10/2/2003
Carbon disulfide	< 5000	5000	< 16000	16000			10000	10/2/2003
Carbon tetrachloride	< 5000	5000	< 32000	32000			10000	10/2/2003
Chlorobenzene	< 5000	5000	< 24000	24000			10000	10/2/2003
Chloroethane	< 5000	5000	< 13000	13000			10000	10/2/2003
Chloroform	< 5000	5000	< 25000	25000			10000	10/2/2003
Chloromethane	< 5000	5000	< 10000	10000			10000	10/2/2003
cis-1,2-Dichloroethene	< 5000	5000	< 20000	20000			10000	10/2/2003
cis-1,3-Dichloropropene	< 5000	5000	< 23000	23000			10000	10/2/2003
Cyclohexane	< 5000	5000	< 17000	17000			10000	10/2/2003
Dibromochloromethane	< 5000	5000	< 43000	43000			10000	10/2/2003
Dichlorodifluoromethane(F-12)	< 5000	5000	< 25000	25000			10000	10/2/2003
Dichlorotrifluoroethane(F-114)	< 5000	5000	< 36000	36000			10000	10/2/2003
Ethyl Acetate	< 5000	5000	< 18000	18000			10000	10/2/2003
Ethylbenzene	< 5000	5000	< 22000	22000			10000	10/2/2003
Heptane	< 5000	5000	< 21000	21000			10000	10/2/2003
Hexachlorobutadiene	< 10000	10000	< 11000	11000			10000	10/2/2003
Hexane	< 5000	5000	< 18000	18000			10000	10/2/2003
m&p-Xylene	< 10000	10000	< 44000	44000			10000	10/2/2003
Methyl tert-butyl ether	< 10000	10000	< 37000	37000		D2	10000	10/2/2003
Methylene chloride	110000	5000	390000	16000			10000	10/2/2003
o-Xylene	< 5000	5000	< 22000	22000			10000	10/2/2003
Propene (Propylene)	< 10000	10000	< 18000	18000			10000	10/2/2003
Styrene	< 5000	5000	< 22000	22000			10000	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
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Corporate Address: 1501 W. Knudsen Drive, Phoenix, Arizona 85027 Phone: 602.780.4900 Toll Free: 800.451.4802 Fax: 602.780.7695
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Analyses	ppbv		µg/m³		Limit	Qual	DF	Date Analyzed
	Result	Limit	Result	Limit				
VOLATILE ORGANICS IN AIR								
Tetrachloroethene	< 5000	5000	TO15	34000			10000	Analyst: JG 10/2/2003
Tetrahydrofuran	< 10000	10000		30000			10000	10/2/2003
Toluene	< 5000	5000		19000			10000	10/2/2003
trans-1,2-Dichloroethene	< 5000	5000		20000			10000	10/2/2003
trans-1,3-Dichloropropene	< 5000	5000		23000			10000	10/2/2003
Trichloroethene	5100	5000		28000	D2		10000	10/2/2003
Trichlorofluoromethane(F-11)	43000	5000		250000	D2		10000	10/2/2003
Trichlorofluoroethane(F-113)	< 5000	5000		39000			10000	10/2/2003
Vinyl acetate	< 5000	5000		18000			10000	10/2/2003
Vinyl chloride	< 5000	5000		13000			10000	10/2/2003
Sum: 4-Bromofluorobenzene	96.9 %REC	70-130		-			10000	10/2/2003

Qualifiers: ND - Not Detected at the Reporting Limit
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Page 15 of 15

CHAIN-OF-CUSTODY RECORD



Electronic Data Deliverable Required?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Deadline for web/e-mail results:	10/15/03
Start Date:	10/01/03	Deadline for final report:	10/17/03
Completion Date:	10/01/03	Send Invoice To:	
Site Identification:	Air Liquide	Company:	BASIN & RANGE
Project or Release No.:	23018.016	Address:	2800 North 24 th Street, Phoenix, AZ
		Phone No.:	602-840-3333
		Fax No.:	602-840-8011
Send Analytical Report To:		Environmental Laboratory Information:	
BASIN & RANGE HYDROGEOLOGISTS, INC.		Company: Precision Analytical Laboratories	
2800 North 24 th Street, Phoenix, Arizona, 85008		Address: 4645 East Cotton Center Blvd, Bldg. 3 Suite 189, Phoenix AZ 85040	
Attention: Ray Craft		Phone No.: 602-437-3340	
Phone: 602-840-3333		Fax No.: 623-445-6192	
Fax: 602-840-8011			
Email: rcraft@basin-and-range.com			

0-310-0461

Page 1 of 1

Sample Identification Code	Sample Date	Sample Time	Canister Serial #	Matrix	Containers	Laboratory ID	Analyses Requested	Special Notes
AL-VP07A-0903	10/01/03	8:26	00771	AIR	1		TO-15 (25000)	
AL-VP07B-0903	10/01/03	9:42	00778	AIR	1		X	
AL-VP07C-0903	10/01/03	10:15	00776	AIR	1		X	
AL-SG27-0903	10/01/03	11:22	00768	AIR	1		X	
AL-VP06Z-0903	10/01/03	13:26	00703	AIR	1		X	

Sampler(s) Name(s):	Date Quality Objectives or Additional Instructions
Chris Hearnchen	Precision Analytical is authorized to charge a total of \$2650.00 (3 back up canisters @ \$50 a piece) total for this project. Please see attached table, TABLE 1 for target analytes and their appropriate PQLs. One or more of the following compounds must be used as QC spikes: 1,1,1-Trichloroethane, 1,1-Dichloroethene, 1,1-Dichloroethane, Trichloroethene, Tetrachloroethene.

1. Relinquished By (Company Name): Basin & Range Hydrogeologists	2. Received By (Company Name): PAE	3. Relinquished By (Company Name):	4. Received By (Company Name):
Print Name: Eric Sommers	Print Name: Tracey MacArthur	Print Name:	Print Name:
Signature: Eric Sommers	Signature: Tracey MacArthur	Signature:	Signature:
Date: 10-1-03 Time: 1732	Date: 10-1-03 Time: 1732	Date:	Date:
		Time:	Time:



Del Mar Analytical

2557 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1236
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February 15, 2005

Basin and Range Hydrogeologists
6155 E. Indian School Rd., Suite 100
Scottsdale, AZ 85251

Attention: Eric Zugay

RE: PNK0837 Level IV Data Package

Dear Mr. Zugay,

Upon review of the raw data associated with work order PNK0837 we identified an error with the calibration for the surrogate Dibromofluoromethane on 12/09/04. The %RSD for the surrogate was 22% and above the 20% acceptance limits. When this error was found the raw data was investigated and it appears that the surrogate for the first two calibration points may have been double spiked. The calibration was immediately adjusted to exclude these two calibration points and the % RSD was re-calculated at 5% RSD. Please note that this issue only affects surrogate results. The target analyte 1,4-Dioxane has an acceptable %RSD of 15%.

All raw data reported with the original calibration was reprocessed with the corrected curve. The surrogate Dibromofluoromethane was found to be high (139%) and outside of the 80-125% acceptance limits in the CCV on 12/11/04. The 1,4-Dioxane results for this CCV has not changed and still passes the CCV acceptance criteria. The surrogate results for all other QC and PNK0837 samples did not change significantly. These results were found to continue to pass criteria or still failed criteria and have already been flagged accordingly. In the Level IV data package sent to LDC the corrected calibration curve has been provided. Also the original and corrected results for the samples requested have been provided.

It is the opinion of the laboratory that your 1,4-Dioxane sample results are not impacted by this error and therefore the report was not re-issued. However if you would like a revised report please contact your project manager and it will be re-issued.

We sincerely apologize for any inconvenience that this may cause. If you have any questions or concerns regarding this matter please feel free to contact me at (480) 785-0043.

Sincerely,

Linda Eshelman

Kiera Hunter
Quality Assurance Manager
Del Mar Analytical

Cc: Linda Eshelman, Project Manager.
Cc: Amy Wolkowinsky, Basin & Range Hydrogeologists
Cc: Steve Ziliak, Laboratory Data Consultants



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LABORATORY REPORT

Prepared For: Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project: 24018.004/Air Liquide

Sampled: 11/30/04

Received: 11/30/04

Revised: 03/31/05 15:26

NELAP #01109CA Arizona DHS#AZ0426

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

This entire report was reviewed and approved for release.

CASE NARRATIVE

LABORATORY ID	CLIENT ID	MATRIX
PNK0837-01	Trip Blank	Water
PNK0837-02	Methanol Blank	Soil
PNK0837-03	CTD-01	Soil
PNK0837-04	CTD-02	Soil
PNK0837-05	WGT-01	Soil
PNK0837-06	SGT-01	Soil
PNK0837-07	WGT-02	Soil
PNK0837-08	SGT-02	Soil
PNK0837-09	D-EX1-4.0	Soil
PNK0837-10	H-EX2-4.0	Soil
PNK0837-11	C-EX3-5.75	Soil
PNK0837-12	G-EX4-5.75	Soil
PNK0837-13	G-EX4-5.75D	Soil
PNK0837-14	C-EX5-5.75	Soil
PNK0837-15	EB	Water
PNK0837-16	CCW-01	Soil
PNK0837-17	CCW-02	Soil
PNK0837-18	CCW-03	Soil
PNK0837-19	H-EX6-4.0	Soil
PNK0837-20	G-EX7-6.0	Soil

RECEIVED

APR 04 2005

BASIN & RANGE
HYDROGEOLOGISTS

Del Mar Analytical - Phoenix
Linda Eshelman
Project Manager



Del Mar Analytical

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

SAMPLE RECEIPT:

Samples were received intact, at 3°C, on ice and with chain of custody documentation. Soil samples requiring volatile analysis were received in Methanol Kiti.

HOLDING TIMES:

Not all holding times were met. Results were qualified where the sample analysis did not occur within method specified holding time requirements.

The N/A flag on the pH and Temp. at Time of pH indicates that the holding time for this test is immediate. The laboratory measurement, therefore, cannot be used for compliance purposes.

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:

This report has been revised to reflect the correct units of µg/kg for Method 8260-1,4-Dioxane.

Results that fall between the MDL and RL are 'J' flagged.

Due to insufficient sample volume received the pH and Flashpoint analyses were not performed on sample H-EX2-4.0 (PNK0837-10). Per the client's request, the pH and Flashpoint were analyzed on sample WGT-402 (PNK0837-07).

Refer to the last page for specific subcontract laboratory information included in this report.

SUBCONTRACTED:

ADDITIONAL

INFORMATION:

D1 - 8015AZ - Reporting limit raised due to high single peak analyte.

D1 - ICP Selenium - Reporting limit raised due to sample matrix effects.

D2 - 8260 - Sample required dilution due to high concentration of target analyte.

L3 - 8260 - Laboratory Control Sample recovery was above the method control limits. Analyte not detected, data not impacted.

N1 - 8260 - Concentration exceeds the calibration range and therefore result is semi-quantitative.

N1b - 8260 - The MS and/or MSD were high for Chloromethane and Dichlorodifluoromethane. All associated samples were ND for these compounds and should not be significantly impacted by the high bias.

N1b - 8260 (1,4-Dioxane) - No MS/MSD was reported. We were unable to calculate the MS/MSD recoveries due to a failing internal standard in the source sample. The batch was accepted based on the recoveries and RPD between the LCS/LCSD.

S10 - 8260 - Surrogate recovery was above acceptance limits. The source sample and the MSD as well as the LCS/LCSD all had acceptable surrogate recoveries. The batch was accepted based on these acceptable recoveries per ADEQ policy 154.

N1c - 8015AZ - Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

Reviewed By:

Del Mar Analytical - Phoenix
Linda Esheleman
Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

EXTRACTABLE FUEL HYDROCARBONS (ADHS 8015AZR1)

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-07 (WGT-02 - Soil)								
Reporting Units: mg/kg								
DRO (C10-C22)	ADHS 8015AZR1	P4L0604	N/A	600	2600	20	12/06/04	12/13/04
ORO (C22-C32)	ADHS 8015AZR1	P4L0604	N/A	2000	36000	20	12/06/04	12/13/04
Total (C10-C32)	ADHS 8015AZR1	P4L0604	N/A	2600	39000	20	12/06/04	12/13/04
Surrogate: n-Docosane (70-130%)								
368 %								
Sample ID: PNK0837-08 (SCT-02 - Soil)								
Reporting Units: mg/kg								
DRO (C10-C22)	ADHS 8015AZR1	P4L0604	N/A	300	510	10	12/06/04	12/10/04
ORO (C22-C32)	ADHS 8015AZR1	P4L0604	N/A	1000	2200	10	12/06/04	12/10/04
Total (C10-C32)	ADHS 8015AZR1	P4L0604	N/A	1300	2700	10	12/06/04	12/10/04
Surrogate: n-Docosane (70-130%)								
113 %								
Sample ID: PNK0837-10 (H-EX2-4.0 - Soil)								
Reporting Units: mg/kg								
DRO (C10-C22)	ADHS 8015AZR1	P4L0604	N/A	1500	4600	50	12/06/04	12/10/04
ORO (C22-C32)	ADHS 8015AZR1	P4L0604	N/A	5000	12000	50	12/06/04	12/10/04
Total (C10-C32)	ADHS 8015AZR1	P4L0604	N/A	6500	16000	50	12/06/04	12/10/04
Surrogate: n-Docosane (70-130%)								
58 %								

Del Mar Analytical - Phoenix
Linda Esheleman
Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution	Date Analyzed	Qualifiers
Sample ID: PNK0837-01 (Trip Blank - Water) - cont.								
Reporting Units: ug/l								
Iodomethane	EPA 8260B	P4L0910	0.15	2.0	ND	1	12/09/04	12/09/04
Isopropylbenzene	EPA 8260B	P4L0910	0.12	1.0	ND	1	12/09/04	12/09/04
p-Isopropyltoluene	EPA 8260B	P4L0910	0.11	1.0	ND	1	12/09/04	12/09/04
Methylene chloride	EPA 8260B	P4L0910	0.80	5.0	1.2	1	12/09/04	12/09/04 E4
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L0910	2.8	10	ND	1	12/09/04	12/09/04
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L0910	0.26	5.0	ND	1	12/09/04	12/09/04
Naphthalene	EPA 8260B	P4L0910	0.22	2.0	ND	1	12/09/04	12/09/04
n-Propylbenzene	EPA 8260B	P4L0910	0.14	1.0	ND	1	12/09/04	12/09/04
Styrene	EPA 8260B	P4L0910	0.12	1.0	ND	1	12/09/04	12/09/04
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L0910	0.14	1.0	ND	1	12/09/04	12/09/04
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L0910	0.22	2.0	ND	1	12/09/04	12/09/04
Tetrachloroethene	EPA 8260B	P4L0910	0.12	1.0	ND	1	12/09/04	12/09/04
Toluene	EPA 8260B	P4L0910	0.24	2.0	ND	1	12/09/04	12/09/04
1,2,3-Trichlorobenzene	EPA 8260B	P4L0910	0.16	1.0	ND	1	12/09/04	12/09/04
1,2,4-Trichlorobenzene	EPA 8260B	P4L0910	0.13	1.0	ND	1	12/09/04	12/09/04
1,1,1-Trichloroethane	EPA 8260B	P4L0910	0.22	1.0	ND	1	12/09/04	12/09/04
1,1,2-Trichloroethane	EPA 8260B	P4L0910	0.14	1.0	ND	1	12/09/04	12/09/04
Trichloroethene	EPA 8260B	P4L0910	0.14	1.0	ND	1	12/09/04	12/09/04
Trichlorofluoromethane	EPA 8260B	P4L0910	0.13	4.0	ND	1	12/09/04	12/09/04
1,2,3-Trichloropropane	EPA 8260B	P4L0910	0.26	1.0	ND	1	12/09/04	12/09/04
1,2,4-Trimethylbenzene	EPA 8260B	P4L0910	0.17	1.0	ND	1	12/09/04	12/09/04
1,3,5-Trimethylbenzene	EPA 8260B	P4L0910	0.15	1.0	ND	1	12/09/04	12/09/04
Vinyl acetate	EPA 8260B	P4L0910	1.6	5.0	ND	1	12/09/04	12/09/04
Vinyl chloride	EPA 8260B	P4L0910	0.18	1.0	ND	1	12/09/04	12/09/04
Xylenes, Total	EPA 8260B	P4L0910	0.38	3.0	ND	1	12/09/04	12/09/04
Surrogate: Dibromofluoromethane (80-125%)								
Surrogate: Toluene-d8 (80-120%)								
Surrogate: 4-Bromofluorobenzene (80-125%)								

Del Mar Analytical - Phoenix
Linda Esheleman
Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

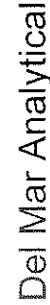
VOLATILE ORGANICS BY GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution	Date Analyzed	Qualifiers
Sample ID: PNK0837-15 (EB - Water)								
Reporting Units: ug/l								
Acetone	EPA 8260B	P4L1104	6.4	20	ND	1	12/11/04	12/11/04
Benzene	EPA 8260B	P4L1104	0.15	1.0	ND	1	12/11/04	12/11/04
Bromobenzene	EPA 8260B	P4L1104	0.11	1.0	ND	1	12/11/04	12/11/04
Bromochloromethane	EPA 8260B	P4L1104	0.13	1.0	ND	1	12/11/04	12/11/04
Bromodichloromethane	EPA 8260B	P4L1104	0.16	1.0	ND	1	12/11/04	12/11/04
Bromoforn	EPA 8260B	P4L1104	1.4	2.0	ND	1	12/11/04	12/11/04
Bromomethane	EPA 8260B	P4L1104	0.56	4.0	ND	1	12/11/04	12/11/04
2-Butanone (MEK)	EPA 8260B	P4L1104	4.5	10	ND	1	12/11/04	12/11/04
n-Butylbenzene	EPA 8260B	P4L1104	0.18	1.0	ND	1	12/11/04	12/11/04
sec-Butylbenzene	EPA 8260B	P4L1104	0.12	1.0	ND	1	12/11/04	12/11/04
tert-Butylbenzene	EPA 8260B	P4L1104	0.15	1.0	ND	1	12/11/04	12/11/04
Carbon Disulfide	EPA 8260B	P4L1104	0.81	5.0	ND	1	12/11/04	12/11/04
Carbon tetrachloride	EPA 8260B	P4L1104	0.19	1.0	ND	1	12/11/04	12/11/04
Chlorobenzene	EPA 8260B	P4L1104	0.073	1.0	ND	1	12/11/04	12/11/04
Chloroethane	EPA 8260B	P4L1104	2.0	4.0	ND	1	12/11/04	12/11/04
Chloroform	EPA 8260B	P4L1104	0.16	1.0	ND	1	12/11/04	12/11/04
Chlorotoluene	EPA 8260B	P4L1104	0.26	4.0	ND	1	12/11/04	12/11/04
2-Chlorotoluene	EPA 8260B	P4L1104	0.092	1.0	ND	1	12/11/04	12/11/04
4-Chlorotoluene	EPA 8260B	P4L1104	0.12	1.0	ND	1	12/11/04	12/11/04
Dibromochloromethane	EPA 8260B	P4L1104	0.18	1.0	ND	1	12/11/04	12/11/04
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L1104	0.42	1.0	ND	1	12/11/04	12/11/04
1,2-Dibromomethane (EDB)	EPA 8260B	P4L1104	0.16	1.0	ND	1	12/11/04	12/11/04
Dibromomethane	EPA 8260B	P4L1104	0.15	1.0	ND	1	12/11/04	12/11/04
1,2-Dichlorobenzene	EPA 8260B	P4L1104	0.12	1.0	ND	1	12/11/04	12/11/04
1,3-Dichlorobenzene	EPA 8260B	P4L1104	0.078	1.0	ND	1	12/11/04	12/11/04
1,4-Dichlorobenzene	EPA 8260B	P4L1104	0.13	1.0	ND	1	12/11/04	12/11/04
Dichlorodifluoromethane	EPA 8260B	P4L1104	1.1	4.0	ND	1	12/11/04	12/11/04
1,2-Dichloroethane	EPA 8260B	P4L1104	0.13	1.0	ND	1	12/11/04	12/11/04
1,1-Dichloroethene	EPA 8260B	P4L1104	0.15	1.0	ND	1	12/11/04	12/11/04
cis-1,2-Dichloroethene	EPA 8260B	P4L1104	0.28	2.0	ND	1	12/11/04	12/11/04
trans-1,2-Dichloroethene	EPA 8260B	P4L1104	0.33	1.0	ND	1	12/11/04	12/11/04
1,2-Dichloropropane	EPA 8260B	P4L1104	0.15	1.0	ND	1	12/11/04	12/11/04
1,3-Dichloropropane	EPA 8260B	P4L1104	0.16	1.0	ND	1	12/11/04	12/11/04
2,2-Dichloropropane	EPA 8260B	P4L1104	0.33	1.0	ND	1	12/11/04	12/11/04
1,1-Dichloropropane	EPA 8260B	P4L1104	0.12	1.0	ND	1	12/11/04	12/11/04
cis-1,3-Dichloropropene	EPA 8260B	P4L1104	0.15	1.0	ND	1	12/11/04	12/11/04
trans-1,3-Dichloropropene	EPA 8260B	P4L1104	0.19	1.0	ND	1	12/11/04	12/11/04
Ethylbenzene	EPA 8260B	P4L1104	0.12	2.0	ND	1	12/11/04	12/11/04
Hexachlorobutadiene	EPA 8260B	P4L1104	0.24	1.0	ND	1	12/11/04	12/11/04
2-Hexanone	EPA 8260B	P4L1104	5.7	10	ND	1	12/11/04	12/11/04

Del Mar Analytical - Phoenix
Linda Esheleman
Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

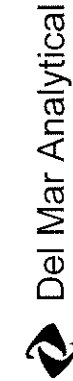
VOLATILE ORGANICS BY GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	MDL	Limit	Reporting Sample Result	Dilution	Date	Qualifiers
Sample ID: PNK0837-15 (EB - Water) - cont.								
Reporting Units: ug/l								
Iodomethane	EPA 8260B	P4L1104	0.15	2.0	ND	1	12/11/04	12/11/04
Isopropylbenzene	EPA 8260B	P4L1104	0.12	1.0	ND	1	12/11/04	12/11/04
p-Isopropyltoluene	EPA 8260B	P4L1104	0.11	1.0	ND	1	12/11/04	12/11/04
Methylene chloride	EPA 8260B	P4L1104	0.80	5.0	ND	1	12/11/04	12/11/04
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L1104	2.8	10	ND	1	12/11/04	12/11/04
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L1104	0.26	5.0	ND	1	12/11/04	12/11/04
Naphthalene	EPA 8260B	P4L1104	0.22	2.0	ND	1	12/11/04	12/11/04
n-Propylbenzene	EPA 8260B	P4L1104	0.14	1.0	ND	1	12/11/04	12/11/04
Styrene	EPA 8260B	P4L1104	0.12	1.0	ND	1	12/11/04	12/11/04
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L1104	0.14	1.0	ND	1	12/11/04	12/11/04
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L1104	0.22	2.0	ND	1	12/11/04	12/11/04
Tetrachloroethene	EPA 8260B	P4L1104	0.12	1.0	ND	1	12/11/04	12/11/04
Toluene	EPA 8260B	P4L1104	0.24	2.0	ND	1	12/11/04	12/11/04
1,2,3-Trichlorobenzene	EPA 8260B	P4L1104	0.16	1.0	ND	1	12/11/04	12/11/04
1,2,4-Trichlorobenzene	EPA 8260B	P4L1104	0.13	1.0	ND	1	12/11/04	12/11/04
1,1,1-Trichloroethane	EPA 8260B	P4L1104	0.22	1.0	1.8	1	12/11/04	12/11/04
1,1,2-Trichloroethane	EPA 8260B	P4L1104	0.14	1.0	ND	1	12/11/04	12/11/04
Trichlorofluoromethane	EPA 8260B	P4L1104	0.13	4.0	ND	1	12/11/04	12/11/04
1,2,3-Trichloropropane	EPA 8260B	P4L1104	0.26	1.0	ND	1	12/11/04	12/11/04
1,2,4-Trimethylbenzene	EPA 8260B	P4L1104	0.17	1.0	ND	1	12/11/04	12/11/04
1,3,5-Trimethylbenzene	EPA 8260B	P4L1104	0.15	1.0	ND	1	12/11/04	12/11/04
Vinyl acetate	EPA 8260B	P4L1104	1.6	5.0	ND	1	12/11/04	12/11/04
Vinyl chloride	EPA 8260B	P4L1104	0.18	1.0	ND	1	12/11/04	12/11/04
Xylenes, Total	EPA 8260B	P4L1104	0.38	3.0	ND	1	12/11/04	12/11/04
Surrogate: Dibromofluoromethane (80-125%)								
Surrogate: Toluene-d8 (80-120%)								
Surrogate: 4-Bromofluorobenzene (80-125%)								

91 %
102 %
95 %

Del Mar Analytical - Phoenix
Linda Estelman
Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL	Limit	Reporting Sample Result	Dilution	Date	Qualifiers
Sample ID: PNK0837-02 (Methanol Blank - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	P4L0807	240	1000	ND	1	11/30/04	12/07/04
Benzene	EPA 8260B	P4L0807	14	50	ND	1	11/30/04	12/07/04
Bromobenzene	EPA 8260B	P4L0807	7.7	250	ND	1	11/30/04	12/07/04
Bromochloromethane	EPA 8260B	P4L0807	6.2	250	ND	1	11/30/04	12/07/04
Bromodichloromethane	EPA 8260B	P4L0807	9.2	100	ND	1	11/30/04	12/07/04
Bromoforn	EPA 8260B	P4L0807	8.3	250	ND	1	11/30/04	12/07/04
Bromomethane	EPA 8260B	P4L0807	110	250	ND	1	11/30/04	12/07/04
2-Butanone (MEK)	EPA 8260B	P4L0807	240	1000	ND	1	11/30/04	12/07/04
n-Butylbenzene	EPA 8260B	P4L0807	18	250	ND	1	11/30/04	12/07/04
sec-Butylbenzene	EPA 8260B	P4L0807	12	250	ND	1	11/30/04	12/07/04
tert-Butylbenzene	EPA 8260B	P4L0807	11	250	ND	1	11/30/04	12/07/04
Carbon Disulfide	EPA 8260B	P4L0807	8.0	500	ND	1	11/30/04	12/07/04
Carbon tetrachloride	EPA 8260B	P4L0807	6.2	250	ND	1	11/30/04	12/07/04
Chlorobenzene	EPA 8260B	P4L0807	7.7	50	ND	1	11/30/04	12/07/04
Chloroethane	EPA 8260B	P4L0807	8.5	250	ND	1	11/30/04	12/07/04
Chloroform	EPA 8260B	P4L0807	8.3	100	ND	1	11/30/04	12/07/04
2-Chlorotoluene	EPA 8260B	P4L0807	9.9	250	ND	1	11/30/04	12/07/04
4-Chlorotoluene	EPA 8260B	P4L0807	8.6	250	ND	1	11/30/04	12/07/04
Dibromochloromethane	EPA 8260B	P4L0807	8.2	100	ND	1	11/30/04	12/07/04
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L0807	65	250	ND	1	11/30/04	12/07/04
1,2-Dibromomethane (EDB)	EPA 8260B	P4L0807	7.7	100	ND	1	11/30/04	12/07/04
Dibromomethane	EPA 8260B	P4L0807	8.3	100	ND	1	11/30/04	12/07/04
1,3-Dichlorobenzene	EPA 8260B	P4L0807	9.2	100	ND	1	11/30/04	12/07/04
1,4-Dichlorobenzene	EPA 8260B	P4L0807	8.0	100	ND	1	11/30/04	12/07/04
Dichlorodifluoromethane	EPA 8260B	P4L0807	9.4	100	ND	1	11/30/04	12/07/04
1,1-Dichloroethane	EPA 8260B	P4L0807	6.9	100	ND	1	11/30/04	12/07/04
1,2-Dichloroethane	EPA 8260B	P4L0807	7.8	50	ND	1	11/30/04	12/07/04
cis-1,2-Dichloroethene	EPA 8260B	P4L0807	7.5	250	ND	1	11/30/04	12/07/04
trans-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	1	11/30/04	12/07/04
1,3-Dichloropropane	EPA 8260B	P4L0807	7.3	100	ND	1	11/30/04	12/07/04
2,2-Dichloropropane	EPA 8260B	P4L0807	8.4	100	ND	1	11/30/04	12/07/04
1,1-Dichloropropene	EPA 8260B	P4L0807	13	100	ND	1	11/30/04	12/07/04
cis-1,3-Dichloropropene	EPA 8260B	P4L0807	6.9	100	ND	1	11/30/04	12/07/04
trans-1,3-Dichloropropene	EPA 8260B	P4L0807	17	100	ND	1	11/30/04	12/07/04
Ethylbenzene	EPA 8260B	P4L0807	8.0	100	ND	1	11/30/04	12/07/04
Hexachlorobutadiene	EPA 8260B	P4L0807	77	250	ND	1	11/30/04	12/07/04
n-Hexanone	EPA 8260B	P4L0807	130	1000	ND	1	11/30/04	12/07/04

Del Mar Analytical - Phoenix
Linda Estelman
Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Project ID: 24018.004/Air Liquide

Scotsdale, AZ 85251

Attention: Amy Wolkowsky

Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Qualifiers
Sample ID: PNK0837-02 (Methanol Blank - Soil) - cont.								
Reporting Units: ug/kg								

Iodomethane	EPA 8260B	P4L0807	25	ND	1	11/30/04	12/07/04	
Isopropylbenzene	EPA 8260B	P4L0807	9.8	ND	1	11/30/04	12/07/04	
p-Isopropyltoluene	EPA 8260B	P4L0807	13	ND	1	11/30/04	12/07/04	
Methylene chloride	EPA 8260B	P4L0807	60	ND	1	11/30/04	12/07/04	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L0807	150	ND	1	11/30/04	12/07/04	V1
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L0807	13	ND	1	11/30/04	12/07/04	
Naphthalene	EPA 8260B	P4L0807	67	ND	1	11/30/04	12/07/04	
n-Propylbenzene	EPA 8260B	P4L0807	11	ND	1	11/30/04	12/07/04	
Styrene	EPA 8260B	P4L0807	9.0	ND	1	11/30/04	12/07/04	
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L0807	8.5	ND	1	11/30/04	12/07/04	
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L0807	11	ND	1	11/30/04	12/07/04	
Tetrachloroethene	EPA 8260B	P4L0807	8.9	ND	1	11/30/04	12/07/04	
Toluene	EPA 8260B	P4L0807	60	ND	1	11/30/04	12/07/04	
1,2,3-Trichlorobenzene	EPA 8260B	P4L0807	30	ND	1	11/30/04	12/07/04	
1,2,4-Trichlorobenzene	EPA 8260B	P4L0807	6.2	ND	1	11/30/04	12/07/04	
1,1,1-Trichloroethane	EPA 8260B	P4L0807	9.6	ND	1	11/30/04	12/07/04	E4
1,1,2-Trichloroethane	EPA 8260B	P4L0807	11	ND	1	11/30/04	12/07/04	
Trichloroethene	EPA 8260B	P4L0807	7.8	ND	1	11/30/04	12/07/04	
Trichlorofluoromethane	EPA 8260B	P4L0807	10	ND	1	11/30/04	12/07/04	
1,2,3-Trichloropropane	EPA 8260B	P4L0807	9.7	ND	1	11/30/04	12/07/04	
1,2,4-Trimethylbenzene	EPA 8260B	P4L0807	10	ND	1	11/30/04	12/07/04	
1,3,5-Trimethylbenzene	EPA 8260B	P4L0807	10	ND	1	11/30/04	12/07/04	
Vinyl acetate	EPA 8260B	P4L0807	10	ND	1	11/30/04	12/07/04	
Vinyl chloride	EPA 8260B	P4L0807	4.7	ND	1	11/30/04	12/07/04	
Xylenes, Total	EPA 8260B	P4L0807	18	97 %	1	11/30/04	12/07/04	
Surrogate: Dibromofluoromethane (70-120%)								
Surrogate: Toluene-d8 (75-120%)								
Surrogate: 4-Bromofluorobenzene (75-120%)								

Del Mar Analytical - Phoenix
Linda Esheleman
Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Project ID: 24018.004/Air Liquide

Scotsdale, AZ 85251

Attention: Amy Wolkowsky

Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Qualifiers
Sample ID: PNK0837-03 (CTD-01 - Soil)								
Reporting Units: ug/kg								

Acetone	EPA 8260B	P4L0807	2400	10000	ND	8.37	11/30/04	12/07/04	V1
Benzene	EPA 8260B	P4L0807	140	500	ND	8.37	11/30/04	12/07/04	
Bromobenzene	EPA 8260B	P4L0807	77	2500	ND	8.37	11/30/04	12/07/04	
Bromochloromethane	EPA 8260B	P4L0807	62	2500	ND	8.37	11/30/04	12/07/04	
Bromodichloromethane	EPA 8260B	P4L0807	92	1000	ND	8.37	11/30/04	12/07/04	
Bromoforn	EPA 8260B	P4L0807	83	2500	ND	8.37	11/30/04	12/07/04	
Bromomethane	EPA 8260B	P4L0807	1100	2500	ND	8.37	11/30/04	12/07/04	
2-Butanone (MEK)	EPA 8260B	P4L0807	2400	10000	ND	8.37	11/30/04	12/07/04	V1
n-Butylbenzene	EPA 8260B	P4L0807	180	2500	ND	8.37	11/30/04	12/07/04	
sec-Butylbenzene	EPA 8260B	P4L0807	120	2500	ND	8.37	11/30/04	12/07/04	
tert-Butylbenzene	EPA 8260B	P4L0807	110	2500	ND	8.37	11/30/04	12/07/04	
Carbon Disulfide	EPA 8260B	P4L0807	80	5000	ND	8.37	11/30/04	12/07/04	
Carbon tetrachloride	EPA 8260B	P4L0807	62	2500	ND	8.37	11/30/04	12/07/04	
Chlorobenzene	EPA 8260B	P4L0807	77	500	ND	8.37	11/30/04	12/07/04	
Chloroethane	EPA 8260B	P4L0807	85	2500	ND	8.37	11/30/04	12/07/04	
Chloroform	EPA 8260B	P4L0807	83	1000	ND	8.37	11/30/04	12/07/04	L3
Chloromethane	EPA 8260B	P4L0807	100	2500	ND	8.37	11/30/04	12/07/04	
2-Chlorotoluene	EPA 8260B	P4L0807	99	2500	ND	8.37	11/30/04	12/07/04	
4-Chlorotoluene	EPA 8260B	P4L0807	86	2500	ND	8.37	11/30/04	12/07/04	
Dibromochloromethane	EPA 8260B	P4L0807	82	1000	ND	8.37	11/30/04	12/07/04	
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L0807	650	2500	ND	8.37	11/30/04	12/07/04	
1,2-Dibromomethane (EDB)	EPA 8260B	P4L0807	77	1000	ND	8.37	11/30/04	12/07/04	
Dibromomethane	EPA 8260B	P4L0807	83	1000	ND	8.37	11/30/04	12/07/04	
1,2-Dichlorobenzene	EPA 8260B	P4L0807	92	1000	ND	8.37	11/30/04	12/07/04	
1,3-Dichlorobenzene	EPA 8260B	P4L0807	80	1000	ND	8.37	11/30/04	12/07/04	
1,4-Dichlorobenzene	EPA 8260B	P4L0807	94	1000	ND	8.37	11/30/04	12/07/04	
Dichlorodifluoromethane	EPA 8260B	P4L0807	110	2500	ND	8.37	11/30/04	12/07/04	
1,1-Dichloroethane	EPA 8260B	P4L0807	69	1000	ND	8.37	11/30/04	12/07/04	
1,2-Dichloroethane	EPA 8260B	P4L0807	78	500	ND	8.37	11/30/04	12/07/04	
1,1-Dichloroethene	EPA 8260B	P4L0807	75	2500	ND	8.37	11/30/04	12/07/04	
cis-1,2-Dichloroethene	EPA 8260B	P4L0807	110	1000	ND	8.37	11/30/04	12/07/04	
trans-1,2-Dichloroethene	EPA 8260B	P4L0807	110	1000	ND	8.37	11/30/04	12/07/04	
1,2-Dichloropropane	EPA 8260B	P4L0807	73	1000	ND	8.37	11/30/04	12/07/04	
1,3-Dichloropropane	EPA 8260B	P4L0807	84	1000	ND	8.37	11/30/04	12/07/04	
2,2-Dichloropropane	EPA 8260B	P4L0807	130	1000	ND	8.37	11/30/04	12/07/04	
1,1-Dichloropropene	EPA 8260B	P4L0807	69	1000	ND	8.37	11/30/04	12/07/04	
cis-1,3-Dichloropropene	EPA 8260B	P4L0807	170	1000	ND	8.37	11/30/04	12/07/04	
trans-1,3-Dichloropropene	EPA 8260B	P4L0807	80	1000	ND	8.37	11/30/04	12/07/04	
Ethylbenzene	EPA 8260B	P4L0807	80	1000	ND	8.37	11/30/04	12/07/04	
Hexachlorobutadiene	EPA 8260B	P4L0807	770	2500	ND	8.37	11/30/04	12/07/04	
2-Hexanone	EPA 8260B	P4L0807	1300	10000	ND	8.37	11/30/04	12/07/04	V1

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Linda Esheleman
Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL Limit	Reporting Sample Result	Dilution Factor	Date Analyzed	Qualifiers
Sample ID: PNK0837-03 (CTD-01 - Soil) - cont.							
Reporting Units: ug/kg							
Iodomethane	EPA 8260B	P4L0807	2500	ND	8.37	11/30/04 12/07/04	
Isopropylbenzene	EPA 8260B	P4L0807	98	ND	8.37	11/30/04 12/07/04	
p-Isopropyltoluene	EPA 8260B	P4L0807	130	ND	8.37	11/30/04 12/07/04	
Methylene chloride	EPA 8260B	P4L0807	600	680	8.37	11/30/04 12/07/04	E4
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L0807	1500	ND	8.37	11/30/04 12/07/04	V1
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L0807	130	ND	8.37	11/30/04 12/07/04	
Naphthalene	EPA 8260B	P4L0807	670	ND	8.37	11/30/04 12/07/04	
n-Propylbenzene	EPA 8260B	P4L0807	110	ND	8.37	11/30/04 12/07/04	
Styrene	EPA 8260B	P4L0807	90	ND	8.37	11/30/04 12/07/04	
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L0807	85	ND	8.37	11/30/04 12/07/04	
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L0807	110	ND	8.37	11/30/04 12/07/04	
Toluene	EPA 8260B	P4L0807	89	ND	8.37	11/30/04 12/07/04	
1,2,3-Trichlorobenzene	EPA 8260B	P4L0807	600	ND	8.37	11/30/04 12/07/04	
1,2,4-Trichlorobenzene	EPA 8260B	P4L0807	300	ND	8.37	11/30/04 12/07/04	
1,1,1-Trichloroethane	EPA 8260B	P4L0807	62	7500	8.37	11/30/04 12/07/04	
1,1,2-Trichloroethane	EPA 8260B	P4L0807	96	ND	8.37	11/30/04 12/07/04	
Trichloroethene	EPA 8260B	P4L0807	110	ND	8.37	11/30/04 12/07/04	
Trichlorofluoromethane	EPA 8260B	P4L0807	78	ND	8.37	11/30/04 12/07/04	
1,2,3-Trichloropropane	EPA 8260B	P4L0807	100	5000	8.37	11/30/04 12/07/04	
1,2,4-Trinitrobenzene	EPA 8260B	P4L0807	97	ND	8.37	11/30/04 12/07/04	
1,3,5-Trinitrobenzene	EPA 8260B	P4L0807	100	ND	8.37	11/30/04 12/07/04	
Vinyl acetate	EPA 8260B	P4L0807	100	12000	8.37	11/30/04 12/07/04	
Vinyl chloride	EPA 8260B	P4L0807	47	2500	8.37	11/30/04 12/07/04	
Xylenes, Total	EPA 8260B	P4L0807	180	ND	8.37	11/30/04 12/07/04	
Surrogate: Dibromofluoromethane (70-120%)				97 %			
Surrogate: Toluene-d8 (75-120%)				99 %			
Surrogate: 4-Bromofluorobenzene (75-120%)				101 %			

Del Mar Analytical - Phoenix
Linda Eshelman
Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL Limit	Reporting Sample Result	Dilution Factor	Date Analyzed	Qualifiers
Sample ID: PNK0837-04 (CTD-02 - Soil)							
Reporting Units: ug/kg							
Acetone	EPA 8260B	P4L0807	240	1000	ND	11/30/04 12/07/04	V1
Benzene	EPA 8260B	P4L0807	14	50	ND	11/30/04 12/07/04	
Bromobenzene	EPA 8260B	P4L0807	7.7	250	ND	11/30/04 12/07/04	
Bromochloromethane	EPA 8260B	P4L0807	6.2	250	ND	11/30/04 12/07/04	
Bromodichloromethane	EPA 8260B	P4L0807	9.2	100	ND	11/30/04 12/07/04	
Bromoform	EPA 8260B	P4L0807	8.3	250	ND	11/30/04 12/07/04	
Bromomethane	EPA 8260B	P4L0807	110	2500	ND	11/30/04 12/07/04	
2-Butanone (MEK)	EPA 8260B	P4L0807	240	1000	ND	11/30/04 12/07/04	V1
n-Butylbenzene	EPA 8260B	P4L0807	18	250	ND	11/30/04 12/07/04	
sec-Butylbenzene	EPA 8260B	P4L0807	12	250	ND	11/30/04 12/07/04	
tert-Butylbenzene	EPA 8260B	P4L0807	11	250	ND	11/30/04 12/07/04	
Carbon Disulfide	EPA 8260B	P4L0807	8.0	500	ND	11/30/04 12/07/04	
Carbon tetrachloride	EPA 8260B	P4L0807	6.2	250	ND	11/30/04 12/07/04	
Chlorobenzene	EPA 8260B	P4L0807	7.7	50	ND	11/30/04 12/07/04	
Chloroethane	EPA 8260B	P4L0807	8.5	250	ND	11/30/04 12/07/04	
Chloroform	EPA 8260B	P4L0807	8.3	100	ND	11/30/04 12/07/04	L3, N1b
Chloromethane	EPA 8260B	P4L0807	10	250	ND	11/30/04 12/07/04	
2-Chlorotoluene	EPA 8260B	P4L0807	9.9	250	ND	11/30/04 12/07/04	
4-Chlorotoluene	EPA 8260B	P4L0807	8.6	250	ND	11/30/04 12/07/04	
Dibromochloromethane	EPA 8260B	P4L0807	8.2	100	ND	11/30/04 12/07/04	
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L0807	65	250	ND	11/30/04 12/07/04	
1,2-Dichloroethane (EDB)	EPA 8260B	P4L0807	7.7	100	ND	11/30/04 12/07/04	
Dibromomethane	EPA 8260B	P4L0807	8.3	100	ND	11/30/04 12/07/04	
1,2-Dichlorobenzene	EPA 8260B	P4L0807	9.2	100	ND	11/30/04 12/07/04	
1,3-Dichlorobenzene	EPA 8260B	P4L0807	8.0	100	ND	11/30/04 12/07/04	
1,4-Dichlorobenzene	EPA 8260B	P4L0807	9.4	100	ND	11/30/04 12/07/04	
Dichlorodifluoromethane	EPA 8260B	P4L0807	11	250	ND	11/30/04 12/07/04	L3, N1b
1,1-Dichloroethane	EPA 8260B	P4L0807	6.9	100	110	11/30/04 12/07/04	
1,2-Dichloroethane	EPA 8260B	P4L0807	7.8	50	ND	11/30/04 12/07/04	E4
1,1-Dichloroethene	EPA 8260B	P4L0807	7.5	250	49	11/30/04 12/07/04	
cis-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	11/30/04 12/07/04	
trans-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	11/30/04 12/07/04	
1,2-Dichloropropane	EPA 8260B	P4L0807	7.3	100	ND	11/30/04 12/07/04	
1,3-Dichloropropane	EPA 8260B	P4L0807	8.4	100	ND	11/30/04 12/07/04	
2,2-Dichloropropane	EPA 8260B	P4L0807	13	100	ND	11/30/04 12/07/04	
1,1-Dichloropropene	EPA 8260B	P4L0807	6.9	100	ND	11/30/04 12/07/04	
cis-1,3-Dichloropropene	EPA 8260B	P4L0807	17	100	ND	11/30/04 12/07/04	
trans-1,3-Dichloropropene	EPA 8260B	P4L0807	8.0	100	ND	11/30/04 12/07/04	
Ethylbenzene	EPA 8260B	P4L0807	8.0	100	ND	11/30/04 12/07/04	
Hexachlorobutadiene	EPA 8260B	P4L0807	77	250	ND	11/30/04 12/07/04	
2-Hexanone	EPA 8260B	P4L0807	130	1000	ND	11/30/04 12/07/04	V1

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Linda Eshelman
Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution	Date	Factor	Extracted	Analyzed	Qualifiers
Sample ID: PNK0837-04 (CTD-02 - Soil) - cont.											
Reporting Units: ug/kg											
Iodomethane	EPA 8260B	P4L0807	25	250	ND	1.02	11/30/04	12/07/04			
Isopropylbenzene	EPA 8260B	P4L0807	9.8	100	ND	1.02	11/30/04	12/07/04			
p-Isopropyltoluene	EPA 8260B	P4L0807	13	100	ND	1.02	11/30/04	12/07/04			
Methylene chloride	EPA 8260B	P4L0807	60	500	110	1.02	11/30/04	12/07/04			E4
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L0807	150	1000	ND	1.02	11/30/04	12/07/04			V1
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L0807	13	250	ND	1.02	11/30/04	12/07/04			
Naphthalene	EPA 8260B	P4L0807	67	250	ND	1.02	11/30/04	12/07/04			
n-Propylbenzene	EPA 8260B	P4L0807	11	100	ND	1.02	11/30/04	12/07/04			
Styrene	EPA 8260B	P4L0807	9.0	100	ND	1.02	11/30/04	12/07/04			
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L0807	8.5	250	ND	1.02	11/30/04	12/07/04			
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L0807	11	100	ND	1.02	11/30/04	12/07/04			
Tetrachloroethene	EPA 8260B	P4L0807	11	100	ND	1.02	11/30/04	12/07/04			
Toluene	EPA 8260B	P4L0807	8.9	100	ND	1.02	11/30/04	12/07/04			
1,2,3-Trichlorobenzene	EPA 8260B	P4L0807	60	250	ND	1.02	11/30/04	12/07/04			
1,2,4-Trichlorobenzene	EPA 8260B	P4L0807	30	250	ND	1.02	11/30/04	12/07/04			
1,1,1-Trichloroethane	EPA 8260B	P4L0807	6.2	100	1400	1.02	11/30/04	12/07/04			
1,1,2-Trichloroethane	EPA 8260B	P4L0807	9.6	100	ND	1.02	11/30/04	12/07/04			
Trichloroethene	EPA 8260B	P4L0807	11	100	ND	1.02	11/30/04	12/07/04			
Trichlorofluoromethane	EPA 8260B	P4L0807	7.8	250	ND	1.02	11/30/04	12/07/04			
1,2,3-Trichloropropane	EPA 8260B	P4L0807	10	500	ND	1.02	11/30/04	12/07/04			
1,2,4-Trimethylbenzene	EPA 8260B	P4L0807	9.7	100	ND	1.02	11/30/04	12/07/04			
1,3,5-Trimethylbenzene	EPA 8260B	P4L0807	10	1200	ND	1.02	11/30/04	12/07/04			
Vinyl acetate	EPA 8260B	P4L0807	10	1200	ND	1.02	11/30/04	12/07/04			
Vinyl chloride	EPA 8260B	P4L0807	4.7	250	ND	1.02	11/30/04	12/07/04			
Xylenes, Total	EPA 8260B	P4L0807	18	150	ND	1.02	11/30/04	12/07/04			
Surrogate: Dibromofluoromethane (70-120%)											
Surrogate: Toluene-d8 (75-120%)											
Surrogate: 4-Bromofluorobenzene (75-120%)											

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Linda Eshefman
Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution	Date	Factor	Extracted	Analyzed	Qualifiers
Sample ID: PNK0837-05 (WGT-01 - Soil)											
Reporting Units: ug/kg											
Acetone	EPA 8260B	P4L0807	240	1000	ND	0.952	11/30/04	12/07/04			V1
Benzene	EPA 8260B	P4L0807	14	50	ND	0.952	11/30/04	12/07/04			
Bromobenzene	EPA 8260B	P4L0807	7.7	250	ND	0.952	11/30/04	12/07/04			
Bromochloromethane	EPA 8260B	P4L0807	6.2	250	ND	0.952	11/30/04	12/07/04			
Bromodichloromethane	EPA 8260B	P4L0807	9.2	100	ND	0.952	11/30/04	12/07/04			
Bromoforn	EPA 8260B	P4L0807	8.3	250	ND	0.952	11/30/04	12/07/04			
Bromomethane	EPA 8260B	P4L0807	110	250	ND	0.952	11/30/04	12/07/04			
n-Butylbenzene (MEK)	EPA 8260B	P4L0807	240	1000	ND	0.952	11/30/04	12/07/04			V1
sec-Butylbenzene	EPA 8260B	P4L0807	18	250	ND	0.952	11/30/04	12/07/04			
tert-Butylbenzene	EPA 8260B	P4L0807	12	250	ND	0.952	11/30/04	12/07/04			
Carbon Disulfide	EPA 8260B	P4L0807	11	250	ND	0.952	11/30/04	12/07/04			
Carbon tetrachloride	EPA 8260B	P4L0807	8.0	500	ND	0.952	11/30/04	12/07/04			
Chlorobenzene	EPA 8260B	P4L0807	6.2	250	ND	0.952	11/30/04	12/07/04			
Chloroethane	EPA 8260B	P4L0807	7.7	50	ND	0.952	11/30/04	12/07/04			
Chloroform	EPA 8260B	P4L0807	8.5	250	ND	0.952	11/30/04	12/07/04			
Chloromethane	EPA 8260B	P4L0807	8.3	100	ND	0.952	11/30/04	12/07/04			L3
2-Chlorotoluene	EPA 8260B	P4L0807	10	250	ND	0.952	11/30/04	12/07/04			
4-Chlorotoluene	EPA 8260B	P4L0807	9.9	250	ND	0.952	11/30/04	12/07/04			
Dibromochloromethane	EPA 8260B	P4L0807	8.6	250	ND	0.952	11/30/04	12/07/04			
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L0807	8.2	100	ND	0.952	11/30/04	12/07/04			
1,2-Dibromomethane (EDB)	EPA 8260B	P4L0807	65	250	ND	0.952	11/30/04	12/07/04			
Dibromomethane	EPA 8260B	P4L0807	7.7	100	ND	0.952	11/30/04	12/07/04			
1,2-Dichlorobenzene	EPA 8260B	P4L0807	8.3	100	ND	0.952	11/30/04	12/07/04			
1,3-Dichlorobenzene	EPA 8260B	P4L0807	9.2	100	ND	0.952	11/30/04	12/07/04			
1,4-Dichlorobenzene	EPA 8260B	P4L0807	8.0	100	ND	0.952	11/30/04	12/07/04			
Dichlorodifluoromethane	EPA 8260B	P4L0807	9.4	100	ND	0.952	11/30/04	12/07/04			L3
1,1-Dichloroethane	EPA 8260B	P4L0807	6.9	100	ND	0.952	11/30/04	12/07/04			
1,2-Dichloroethane	EPA 8260B	P4L0807	7.8	50	ND	0.952	11/30/04	12/07/04			
cis-1,2-Dichloroethene	EPA 8260B	P4L0807	7.5	250	ND	0.952	11/30/04	12/07/04			
trans-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	0.952	11/30/04	12/07/04			
1,3-Dichloropropane	EPA 8260B	P4L0807	7.3	100	ND	0.952	11/30/04	12/07/04			
2,2-Dichloropropane	EPA 8260B	P4L0807	8.4	100	ND	0.952	11/30/04	12/07/04			
1,1-Dichloropropene	EPA 8260B	P4L0807	13	100	ND	0.952	11/30/04	12/07/04			
cis-1,3-Dichloropropene	EPA 8260B	P4L0807	6.9	100	ND	0.952	11/30/04	12/07/04			
trans-1,3-Dichloropropene	EPA 8260B	P4L0807	17	100	ND	0.952	11/30/04	12/07/04			
Ethylbenzene	EPA 8260B	P4L0807	8.0	100	ND	0.952	11/30/04	12/07/04			
Hexachlorobutadiene	EPA 8260B	P4L0807	77	250	ND	0.952	11/30/04	12/07/04			
2-Hexanone	EPA 8260B	P4L0807	130	1000	ND	0.952	11/30/04	12/07/04			

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Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Project ID: 24018.004/Air Liquide

Sampled: 11/30/04

Received: 11/30/04

Attention: Amy Wolkowsky

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

Analyte	Method	Batch	MDL Limit	Reporting Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-05 (WGT-01 - Soil) - cont.							
Reporting Units: ug/kg							
Iodomethane	EPA 8260B	P4L0807	25	ND	0.952	11/30/04	12/07/04
Isopropylbenzene	EPA 8260B	P4L0807	9.8	ND	0.952	11/30/04	12/07/04
p-Isopropyltoluene	EPA 8260B	P4L0807	13	ND	0.952	11/30/04	12/07/04
Methylene chloride	EPA 8260B	P4L0807	60	120	0.952	11/30/04	12/07/04
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L0807	150	1000	0.952	11/30/04	12/07/04
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L0807	13	250	0.952	11/30/04	12/07/04
Naphthalene	EPA 8260B	P4L0807	67	250	0.952	11/30/04	12/07/04
n-Propylbenzene	EPA 8260B	P4L0807	11	100	0.952	11/30/04	12/07/04
Styrene	EPA 8260B	P4L0807	9.0	100	0.952	11/30/04	12/07/04
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L0807	8.5	250	0.952	11/30/04	12/07/04
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L0807	11	100	0.952	11/30/04	12/07/04
Tetrachloroethene	EPA 8260B	P4L0807	11	100	0.952	11/30/04	12/07/04
Toluene	EPA 8260B	P4L0807	8.9	100	0.952	11/30/04	12/07/04
1,2,3-Trichlorobenzene	EPA 8260B	P4L0807	60	250	0.952	11/30/04	12/07/04
1,2,4-Trichlorobenzene	EPA 8260B	P4L0807	30	250	0.952	11/30/04	12/07/04
1,1,1-Trichloroethane	EPA 8260B	P4L0807	6.2	100	0.952	11/30/04	12/07/04
1,1,2-Trichloroethane	EPA 8260B	P4L0807	9.6	100	0.952	11/30/04	12/07/04
Trichloroethene	EPA 8260B	P4L0807	11	100	0.952	11/30/04	12/07/04
Trichlorofluoromethane	EPA 8260B	P4L0807	7.8	250	0.952	11/30/04	12/07/04
1,2,3-Trichloropropane	EPA 8260B	P4L0807	10	500	0.952	11/30/04	12/07/04
1,2,4-Trimethylbenzene	EPA 8260B	P4L0807	9.7	100	0.952	11/30/04	12/07/04
1,3,5-Trimethylbenzene	EPA 8260B	P4L0807	10	1200	0.952	11/30/04	12/07/04
Vinyl acetate	EPA 8260B	P4L0807	10	1200	0.952	11/30/04	12/07/04
Vinyl chloride	EPA 8260B	P4L0807	4.7	250	0.952	11/30/04	12/07/04
Xylenes, Total	EPA 8260B	P4L0807	18	150	0.952	11/30/04	12/07/04
Surrogate: Dibromofluoromethane (70-120%)							
Surrogate: Toluene-d8 (75-120%)							
Surrogate: 4-Bromofluorobenzene (75-120%)							

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Linda Eshelman
Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Project ID: 24018.004/Air Liquide

Sampled: 11/30/04

Received: 11/30/04

Attention: Amy Wolkowsky

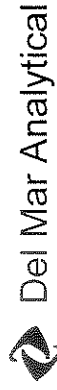
VOLATILE ORGANICS BY GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-06 (SGT-01 - Soil)							
Reporting Units: ug/kg							
Acetone	EPA 8260B	P4L0807	240	1000	ND	11/30/04	12/07/04
Benzene	EPA 8260B	P4L0807	14	50	ND	11/30/04	12/07/04
Bromobenzene	EPA 8260B	P4L0807	7.7	250	ND	11/30/04	12/07/04
Bromochloromethane	EPA 8260B	P4L0807	6.2	250	ND	11/30/04	12/07/04
Bromodichloromethane	EPA 8260B	P4L0807	9.2	100	ND	11/30/04	12/07/04
Bromoforn	EPA 8260B	P4L0807	8.3	250	ND	11/30/04	12/07/04
Bromomethane	EPA 8260B	P4L0807	110	250	ND	11/30/04	12/07/04
2-Butanone (MEK)	EPA 8260B	P4L0807	240	1000	ND	11/30/04	12/07/04
n-Butylbenzene	EPA 8260B	P4L0807	18	250	ND	11/30/04	12/07/04
sec-Butylbenzene	EPA 8260B	P4L0807	11	250	ND	11/30/04	12/07/04
tert-Butylbenzene	EPA 8260B	P4L0807	12	250	ND	11/30/04	12/07/04
Carbon Disulfide	EPA 8260B	P4L0807	8.0	500	ND	11/30/04	12/07/04
Carbon tetrachloride	EPA 8260B	P4L0807	6.2	250	ND	11/30/04	12/07/04
Chlorobenzene	EPA 8260B	P4L0807	7.7	50	ND	11/30/04	12/07/04
Chloroethane	EPA 8260B	P4L0807	8.5	250	ND	11/30/04	12/07/04
Chloroform	EPA 8260B	P4L0807	8.3	100	ND	11/30/04	12/07/04
Chloromethane	EPA 8260B	P4L0807	10	250	ND	11/30/04	12/07/04
2-Chlorotoluene	EPA 8260B	P4L0807	9.9	250	ND	11/30/04	12/07/04
4-Chlorotoluene	EPA 8260B	P4L0807	8.6	250	ND	11/30/04	12/07/04
Dibromochloromethane	EPA 8260B	P4L0807	8.2	100	ND	11/30/04	12/07/04
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L0807	65	250	ND	11/30/04	12/07/04
1,2-Dichlorobenzene (EDB)	EPA 8260B	P4L0807	7.7	100	ND	11/30/04	12/07/04
Dibromomethane	EPA 8260B	P4L0807	8.3	100	ND	11/30/04	12/07/04
1,2-Dichlorobenzene	EPA 8260B	P4L0807	9.2	100	ND	11/30/04	12/07/04
1,3-Dichlorobenzene	EPA 8260B	P4L0807	8.0	100	ND	11/30/04	12/07/04
1,4-Dichlorobenzene	EPA 8260B	P4L0807	9.4	100	ND	11/30/04	12/07/04
Dichlorodifluoromethane	EPA 8260B	P4L0807	11	250	ND	11/30/04	12/07/04
1,1-Dichloroethane	EPA 8260B	P4L0807	6.9	100	500	11/30/04	12/07/04
1,2-Dichloroethane	EPA 8260B	P4L0807	7.8	50	ND	11/30/04	12/07/04
1,1-Dichloroethene	EPA 8260B	P4L0807	7.5	250	230	11/30/04	12/07/04
cis-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	11/30/04	12/07/04
trans-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	11/30/04	12/07/04
1,3-Dichloropropane	EPA 8260B	P4L0807	7.3	100	ND	11/30/04	12/07/04
1,3-Dichloropropane	EPA 8260B	P4L0807	8.4	100	ND	11/30/04	12/07/04
2,2-Dichloropropane	EPA 8260B	P4L0807	13	100	ND	11/30/04	12/07/04
1,1-Dichloropropene	EPA 8260B	P4L0807	6.9	100	ND	11/30/04	12/07/04
cis-1,3-Dichloropropene	EPA 8260B	P4L0807	17	100	ND	11/30/04	12/07/04
trans-1,3-Dichloropropene	EPA 8260B	P4L0807	8.0	100	ND	11/30/04	12/07/04
Ethylbenzene	EPA 8260B	P4L0807	8.0	100	ND	11/30/04	12/07/04
Hexachlorobutadiene	EPA 8260B	P4L0807	77	250	ND	11/30/04	12/07/04
2-Hexanone	EPA 8260B	P4L0807	130	1000	ND	11/30/04	12/07/04

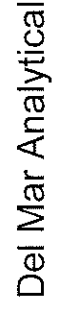
Del Mar Analytical - Phoenix
Linda Eshelman
Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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

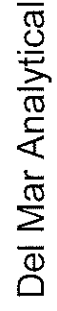
Analyte	Method	Batch	MDL	Reporting Limit	Sample Dilution	Date	Factor	Extracted	Analyzed	Qualifiers
Sample ID: PNK0837-06 (SGT-01 - Soil) - cont.										
Reporting Units: ug/kg										
Iodomethane	EPA 8260B	P4L0807	25	250	ND	1.01	11/30/04	12/07/04		
Isopropylbenzene	EPA 8260B	P4L0807	9.8	100	ND	1.01	11/30/04	12/07/04		
p-Isopropyltoluene	EPA 8260B	P4L0807	13	100	ND	1.01	11/30/04	12/07/04		
Methylene chloride	EPA 8260B	P4L0807	60	500	140	1.01	11/30/04	12/07/04		E4
4-Methyl-1,2-pentanone (MIBK)	EPA 8260B	P4L0807	150	1000	ND	1.01	11/30/04	12/07/04		V1
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L0807	13	250	ND	1.01	11/30/04	12/07/04		
Naphthalene	EPA 8260B	P4L0807	67	250	ND	1.01	11/30/04	12/07/04		
n-Propylbenzene	EPA 8260B	P4L0807	11	100	ND	1.01	11/30/04	12/07/04		
Styrene	EPA 8260B	P4L0807	9.0	100	ND	1.01	11/30/04	12/07/04		
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L0807	8.5	250	ND	1.01	11/30/04	12/07/04		
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L0807	11	100	ND	1.01	11/30/04	12/07/04		
Tetrachloroethene	EPA 8260B	P4L0807	8.9	100	ND	1.01	11/30/04	12/07/04		
Toluene	EPA 8260B	P4L0807	60	250	ND	1.01	11/30/04	12/07/04		
1,2,3-Trichlorobenzene	EPA 8260B	P4L0807	30	250	ND	1.01	11/30/04	12/07/04		
1,2,4-Trichlorobenzene	EPA 8260B	P4L0807	6.2	100	6700	1.01	11/30/04	12/07/04		
1,1,1-Trichloroethane	EPA 8260B	P4L0807	9.6	100	ND	1.01	11/30/04	12/07/04		
Trichloroethene	EPA 8260B	P4L0807	11	100	ND	1.01	11/30/04	12/07/04		
Trichlorofluoromethane	EPA 8260B	P4L0807	7.8	250	ND	1.01	11/30/04	12/07/04		
1,2,3-Trichloropropane	EPA 8260B	P4L0807	10	500	ND	1.01	11/30/04	12/07/04		
1,2,4-Trimethylbenzene	EPA 8260B	P4L0807	9.7	100	ND	1.01	11/30/04	12/07/04		
1,3,5-Trimethylbenzene	EPA 8260B	P4L0807	10	1200	ND	1.01	11/30/04	12/07/04		
Vinyl acetate	EPA 8260B	P4L0807	4.7	250	ND	1.01	11/30/04	12/07/04		
Vinyl chloride	EPA 8260B	P4L0807	18	150	ND	1.01	11/30/04	12/07/04		
Xylenes, Total	EPA 8260B	P4L0807			98 %					
Surrogate: Dibromofluoromethane (76-120%)					99 %					
Surrogate: Toluene-d8 (75-120%)					98 %					
Surrogate: 4-Bromofluorobenzene (75-120%)										

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Linda Esheleman
Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Dilution	Date	Factor	Extracted	Analyzed	Qualifiers
Sample ID: PNK0837-07 (WGT-02 - Soil)										
Reporting Units: ug/kg										
Acetone	EPA 8260B	P4L0807	4800	20000	ND	20.2	11/30/04	12/07/04		V1
Benzene	EPA 8260B	P4L0807	280	1000	ND	20.2	11/30/04	12/07/04		
Bromobenzene	EPA 8260B	P4L0807	150	5000	ND	20.2	11/30/04	12/07/04		
Bromochloromethane	EPA 8260B	P4L0807	120	5000	ND	20.2	11/30/04	12/07/04		
Bromodichloromethane	EPA 8260B	P4L0807	180	2000	ND	20.2	11/30/04	12/07/04		
Bromoforn	EPA 8260B	P4L0807	170	5000	ND	20.2	11/30/04	12/07/04		
Bromomethane	EPA 8260B	P4L0807	2200	5000	ND	20.2	11/30/04	12/07/04		
n-Butanone (MEK)	EPA 8260B	P4L0807	4900	20000	ND	20.2	11/30/04	12/07/04		V1
sec-Butylbenzene	EPA 8260B	P4L0807	360	5000	ND	20.2	11/30/04	12/07/04		
tert-Butylbenzene	EPA 8260B	P4L0807	250	5000	ND	20.2	11/30/04	12/07/04		
Carbon Disulfide	EPA 8260B	P4L0807	220	5000	ND	20.2	11/30/04	12/07/04		
Carbon tetrachloride	EPA 8260B	P4L0807	160	10000	ND	20.2	11/30/04	12/07/04		
Chlorobenzene	EPA 8260B	P4L0807	120	5000	ND	20.2	11/30/04	12/07/04		
Chloroethane	EPA 8260B	P4L0807	150	1000	ND	20.2	11/30/04	12/07/04		
Chloroform	EPA 8260B	P4L0807	170	5000	58000	20.2	11/30/04	12/07/04		
Chloromethane	EPA 8260B	P4L0807	200	5000	ND	20.2	11/30/04	12/07/04		L3
2-Chlorotoluene	EPA 8260B	P4L0807	200	5000	ND	20.2	11/30/04	12/07/04		
4-Chlorotoluene	EPA 8260B	P4L0807	170	5000	ND	20.2	11/30/04	12/07/04		
Dibromochloromethane	EPA 8260B	P4L0807	160	2000	ND	20.2	11/30/04	12/07/04		
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L0807	1300	5000	ND	20.2	11/30/04	12/07/04		
1,2-Dibromomethane (EDB)	EPA 8260B	P4L0807	150	2000	ND	20.2	11/30/04	12/07/04		
Dibromomethane	EPA 8260B	P4L0807	170	2000	ND	20.2	11/30/04	12/07/04		
1,2-Dichlorobenzene	EPA 8260B	P4L0807	180	2000	ND	20.2	11/30/04	12/07/04		
1,3-Dichlorobenzene	EPA 8260B	P4L0807	160	2000	ND	20.2	11/30/04	12/07/04		
1,4-Dichlorobenzene	EPA 8260B	P4L0807	190	2000	ND	20.2	11/30/04	12/07/04		
Dichlorodifluoromethane	EPA 8260B	P4L0807	210	5000	ND	20.2	11/30/04	12/07/04		L3
1,1-Dichloroethane	EPA 8260B	P4L0807	140	2000	16000	20.2	11/30/04	12/07/04		
1,2-Dichloroethane	EPA 8260B	P4L0807	160	1000	ND	20.2	11/30/04	12/07/04		
1,1-Dichloroethene	EPA 8260B	P4L0807	150	5000	550	20.2	11/30/04	12/07/04		E4
cis-1,2-Dichloroethene	EPA 8260B	P4L0807	220	2000	ND	20.2	11/30/04	12/07/04		
trans-1,2-Dichloroethene	EPA 8260B	P4L0807	150	2000	ND	20.2	11/30/04	12/07/04		
1,3-Dichloropropane	EPA 8260B	P4L0807	170	2000	ND	20.2	11/30/04	12/07/04		
2,2-Dichloropropane	EPA 8260B	P4L0807	250	2000	ND	20.2	11/30/04	12/07/04		
1,1-Dichloropropene	EPA 8260B	P4L0807	140	2000	ND	20.2	11/30/04	12/07/04		
cis-1,3-Dichloropropene	EPA 8260B	P4L0807	340	2000	ND	20.2	11/30/04	12/07/04		
trans-1,3-Dichloropropene	EPA 8260B	P4L0807	160	2000	ND	20.2	11/30/04	12/07/04		
Ethylbenzene	EPA 8260B	P4L0807	160	2000	ND	20.2	11/30/04	12/07/04		
Hexachlorobutadiene	EPA 8260B	P4L0807	1500	5000	ND	20.2	11/30/04	12/07/04		V1
2-Hexanone	EPA 8260B	P4L0807	2600	20000	ND	20.2	11/30/04	12/07/04		

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Linda Esheleman
Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

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

Sample ID: PNK0837-07 (WGT-02 - Soil) - cont.

Reporting Units: ug/kg									
Iodomethane	EPA 8260B	P4L0807	500	5000	ND	20.2	11/30/04	12/07/04	
Isopropylbenzene	EPA 8260B	P4L0807	200	2000	ND	20.2	11/30/04	12/07/04	
p-Isopropyltoluene	EPA 8260B	P4L0807	270	2000	ND	20.2	11/30/04	12/07/04	
Methylene chloride	EPA 8260B	P4L0807	1200	10000	5800	20.2	11/30/04	12/07/04	E4
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L0807	2900	20000	ND	20.2	11/30/04	12/07/04	V1
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L0807	260	5000	ND	20.2	11/30/04	12/07/04	
Naphthalene	EPA 8260B	P4L0807	1300	5000	ND	20.2	11/30/04	12/07/04	
n-Propylbenzene	EPA 8260B	P4L0807	210	2000	ND	20.2	11/30/04	12/07/04	
Styrene	EPA 8260B	P4L0807	180	2000	ND	20.2	11/30/04	12/07/04	
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L0807	170	5000	ND	20.2	11/30/04	12/07/04	
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L0807	210	2000	ND	20.2	11/30/04	12/07/04	
Tetrachloroethene	EPA 8260B	P4L0807	210	2000	ND	20.2	11/30/04	12/07/04	
Toluene	EPA 8260B	P4L0807	180	2000	ND	20.2	11/30/04	12/07/04	
1,2,3-Trichlorobenzene	EPA 8260B	P4L0807	1200	5000	ND	20.2	11/30/04	12/07/04	
1,2,4-Trichlorobenzene	EPA 8260B	P4L0807	600	5000	ND	20.2	11/30/04	12/07/04	
1,1,1-Trichloroethane	EPA 8260B	P4L0807	120	2000	9400	20.2	11/30/04	12/07/04	
1,1,2-Trichloroethane	EPA 8260B	P4L0807	190	2000	ND	20.2	11/30/04	12/07/04	
Trichloroethene	EPA 8260B	P4L0807	220	2000	ND	20.2	11/30/04	12/07/04	
Trichlorofluoromethane	EPA 8260B	P4L0807	160	5000	ND	20.2	11/30/04	12/07/04	
1,2,3-Trichloropropane	EPA 8260B	P4L0807	200	10000	ND	20.2	11/30/04	12/07/04	
1,2,4-Trimethylbenzene	EPA 8260B	P4L0807	190	2000	ND	20.2	11/30/04	12/07/04	
1,3,5-Trimethylbenzene	EPA 8260B	P4L0807	210	2000	ND	20.2	11/30/04	12/07/04	
Vinyl acetate	EPA 8260B	P4L0807	200	24000	ND	20.2	11/30/04	12/07/04	
Vinyl chloride	EPA 8260B	P4L0807	94	5000	ND	20.2	11/30/04	12/07/04	
Xylenes, Total	EPA 8260B	P4L0807	370	3000	ND	20.2	11/30/04	12/07/04	
Surreigate: Dibromofluoromethane (70-120%)					100 %				
Surreigate: Toluene-d8 (75-120%)					101 %				
Surreigate: 4-Bromofluorobenzene (75-120%)					97 %				

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Linda Estelman

Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

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

Sample ID: PNK0837-08 (SGT-02 - Soil)

Reporting Units: ug/kg									
Acetone	EPA 8260B	P4L1007	4800	20000	5600	20.4	11/30/04	12/10/04	E4
Benzene	EPA 8260B	P4L1007	280	1000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Bromobenzene	EPA 8260B	P4L1007	120	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Bromochloromethane	EPA 8260B	P4L1007	150	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Bromodichloromethane	EPA 8260B	P4L1007	180	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Bromoforn	EPA 8260B	P4L1007	170	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Bromomethane	EPA 8260B	P4L1007	2200	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
EPA 2-Butanone (MEK)	EPA 8260B	P4L1007	4900	20000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
n-Butylbenzene	EPA 8260B	P4L1007	360	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
sec-Butylbenzene	EPA 8260B	P4L1007	250	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
tert-Butylbenzene	EPA 8260B	P4L1007	220	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Carbon Disulfide	EPA 8260B	P4L1007	160	10000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Carbon tetrachloride	EPA 8260B	P4L1007	120	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Chlorobenzene	EPA 8260B	P4L1007	150	1000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Chloroethane	EPA 8260B	P4L1007	170	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Chloroform	EPA 8260B	P4L1007	170	2000	570	20.4 <td>11/30/04</td> <td>12/10/04</td> <td>E4</td>	11/30/04	12/10/04	E4
Chloromethane	EPA 8260B	P4L1007	200	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
2-Chlorotoluene	EPA 8260B	P4L1007	200	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
4-Chlorotoluene	EPA 8260B	P4L1007	170	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Dibromochloromethane	EPA 8260B	P4L1007	160	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L1007	1300	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
1,2-Dibromomethane (EDB)	EPA 8260B	P4L1007	150	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Dibromomethane	EPA 8260B	P4L1007	170	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
1,2-Dichlorobenzene	EPA 8260B	P4L1007	180	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
1,3-Dichlorobenzene	EPA 8260B	P4L1007	160	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
1,4-Dichlorobenzene	EPA 8260B	P4L1007	190	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Dichlorodifluoromethane	EPA 8260B	P4L1007	210	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
1,2-Dichloroethane	EPA 8260B	P4L1007	160	1000	820	20.4 <td>11/30/04<td>12/10/04</td><td>E4</td></td>	11/30/04 <td>12/10/04</td> <td>E4</td>	12/10/04	E4
1,1-Dichloroethene	EPA 8260B	P4L1007	150	5000	120000	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
cis-1,2-Dichloroethene	EPA 8260B	P4L1007	220	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
trans-1,2-Dichloroethene	EPA 8260B	P4L1007	220	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
1,2-Dichloropropane	EPA 8260B	P4L1007	150	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
1,3-Dichloropropane	EPA 8260B	P4L1007	170	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
2,2-Dichloropropane	EPA 8260B	P4L1007	250	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
1,1-Dichloropropene	EPA 8260B	P4L1007	340	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
cis-1,3-Dichloropropene	EPA 8260B	P4L1007	160	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
trans-1,3-Dichloropropene	EPA 8260B	P4L1007	160	2000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Ethylbenzene	EPA 8260B	P4L1007	1500	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Hexachlorobutadiene	EPA 8260B	P4L1007	2600	20000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
2-Hexanone	EPA 8260B	P4L1007	500	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	
Iodomethane	EPA 8260B	P4L1007	500	5000	ND	20.4 <td>11/30/04<td>12/10/04</td><td></td></td>	11/30/04 <td>12/10/04</td> <td></td>	12/10/04	

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Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-08RE1 (SGT-02 - Soil) - cont.								
Reporting Units: ug/kg								
Isopropylbenzene	EPA 8260B	P4L1007	200	2000	ND	20.4	11/30/04 12/10/04	
p-Isopropyltoluene	EPA 8260B	P4L1007	270	2000	ND	20.4	11/30/04 12/10/04	
Methylene chloride	EPA 8260B	P4L1007	1200	10000	6300	20.4	11/30/04 12/10/04	E4
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L1007	2900	20000	ND	20.4	11/30/04 12/10/04	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L1007	260	5000	ND	20.4	11/30/04 12/10/04	
Naphthalene	EPA 8260B	P4L1007	1300	5000	ND	20.4	11/30/04 12/10/04	
n-Propylbenzene	EPA 8260B	P4L1007	210	2000	ND	20.4	11/30/04 12/10/04	
Styrene	EPA 8260B	P4L1007	180	2000	ND	20.4	11/30/04 12/10/04	
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L1007	170	5000	ND	20.4	11/30/04 12/10/04	
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L1007	210	2000	ND	20.4	11/30/04 12/10/04	
Toluene	EPA 8260B	P4L1007	180	2000	ND	20.4	11/30/04 12/10/04	
1,2,3-Trichlorobenzene	EPA 8260B	P4L1007	1200	5000	ND	20.4	11/30/04 12/10/04	
1,2,4-Trichlorobenzene	EPA 8260B	P4L1007	600	5000	ND	20.4	11/30/04 12/10/04	
1,1,2-Trichloroethane	EPA 8260B	P4L1007	190	2000	1500	20.4	11/30/04 12/10/04	E4
Trichloroethene	EPA 8260B	P4L1007	220	2000	ND	20.4	11/30/04 12/10/04	
Trichlorofluoromethane	EPA 8260B	P4L1007	160	5000	860	20.4	11/30/04 12/10/04	E4
1,2,3-Trichloropropane	EPA 8260B	P4L1007	200	10000	ND	20.4	11/30/04 12/10/04	
1,2,4-Trimethylbenzene	EPA 8260B	P4L1007	190	2000	ND	20.4	11/30/04 12/10/04	
1,3,5-Trimethylbenzene	EPA 8260B	P4L1007	210	2000	ND	20.4	11/30/04 12/10/04	
Vinyl acetate	EPA 8260B	P4L1007	200	24000	ND	20.4	11/30/04 12/10/04	
Vinyl chloride	EPA 8260B	P4L1007	94	5000	ND	20.4	11/30/04 12/10/04	
Xylenes, Total	EPA 8260B	P4L1007	370	3000	ND	20.4	11/30/04 12/10/04	
Surrogate: Dibromofluoromethane (70-120%)								
Surrogate: Toluene-d8 (75-120%)								
Surrogate: 4-Bromofluorobenzene (75-120%)								

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Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-08RE1 (SGT-02 - Soil) - cont.								
Reporting Units: ug/kg								
1,1-Dichloroethane	EPA 8260B	P4L1301	1400	20000	510000	204	11/30/04 12/11/04	
Surrogate: Dibromofluoromethane (70-120%)								
Surrogate: Toluene-d8 (75-120%)								
Surrogate: 4-Bromofluorobenzene (75-120%)								

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

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

Analyte	Method	Batch	MDL Limit	Reporting Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-08RE2 (SGT-02 - Soil) - cont.							
Reporting Units: ug/kg							
1,1,1-Trichloroethane	EPA 8260B	P4L1311	200000	38000000	2040	11/30/04	12/13/04
Surrogate: Dibromofluoromethane (70-120%)				100 %			
Surrogate: Toluene-d8 (75-120%)				102 %			
Surrogate: 4-Bromofluorobenzene (75-120%)				99 %			

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Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

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

Analyte	Method	Batch	MDL Limit	Reporting Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-09 (D-EX1-4.0 - Soil)							
Reporting Units: ug/kg							
Acetone	EPA 8260B	P4L0807	240	1000	ND	11/30/04	12/07/04
Benzene	EPA 8260B	P4L0807	14	50	ND	11/30/04	12/07/04
Bromobenzene	EPA 8260B	P4L0807	7.7	250	ND	11/30/04	12/07/04
Bromochloromethane	EPA 8260B	P4L0807	6.2	250	ND	11/30/04	12/07/04
Bromodichloromethane	EPA 8260B	P4L0807	9.2	100	ND	11/30/04	12/07/04
Bromoform	EPA 8260B	P4L0807	8.3	250	ND	11/30/04	12/07/04
Bromomethane	EPA 8260B	P4L0807	110	250	ND	11/30/04	12/07/04
2-Butanone (MEK)	EPA 8260B	P4L0807	240	1000	ND	11/30/04	12/07/04
n-Butylbenzene	EPA 8260B	P4L0807	18	250	ND	11/30/04	12/07/04
sec-Butylbenzene	EPA 8260B	P4L0807	12	250	ND	11/30/04	12/07/04
tert-Butylbenzene	EPA 8260B	P4L0807	11	250	ND	11/30/04	12/07/04
Carbon Disulfide	EPA 8260B	P4L0807	8.0	500	ND	11/30/04	12/07/04
Carbon tetrachloride	EPA 8260B	P4L0807	6.2	250	ND	11/30/04	12/07/04
Chlorobenzene	EPA 8260B	P4L0807	7.7	50	ND	11/30/04	12/07/04
Chloroethane	EPA 8260B	P4L0807	8.5	250	ND	11/30/04	12/07/04
Chloroform	EPA 8260B	P4L0807	8.3	100	38	11/30/04	12/07/04
Chloromethane	EPA 8260B	P4L0807	10	250	27	11/30/04	12/07/04
2-Chlorotoluene	EPA 8260B	P4L0807	9.9	250	ND	11/30/04	12/07/04
4-Chlorotoluene	EPA 8260B	P4L0807	8.6	250	ND	11/30/04	12/07/04
Dibromochloromethane	EPA 8260B	P4L0807	8.2	100	ND	11/30/04	12/07/04
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L0807	65	250	ND	11/30/04	12/07/04
1,2-Dibromomethane (EDB)	EPA 8260B	P4L0807	7.7	100	ND	11/30/04	12/07/04
Dibromomethane	EPA 8260B	P4L0807	8.3	100	ND	11/30/04	12/07/04
1,2-Dichlorobenzene	EPA 8260B	P4L0807	9.2	100	ND	11/30/04	12/07/04
1,3-Dichlorobenzene	EPA 8260B	P4L0807	8.0	100	39	11/30/04	12/07/04
1,4-Dichlorobenzene	EPA 8260B	P4L0807	9.4	100	ND	11/30/04	12/07/04
Dichlorodifluoromethane	EPA 8260B	P4L0807	11	250	ND	11/30/04	12/07/04
1,2-Dichloroethane	EPA 8260B	P4L0807	7.8	50	ND	11/30/04	12/07/04
cis-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	11/30/04	12/07/04
trans-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	11/30/04	12/07/04
1,2-Dichloropropane	EPA 8260B	P4L0807	7.3	100	ND	11/30/04	12/07/04
1,3-Dichloropropane	EPA 8260B	P4L0807	8.4	100	ND	11/30/04	12/07/04
2,2-Dichloropropane	EPA 8260B	P4L0807	13	100	ND	11/30/04	12/07/04
1,1-Dichloropropene	EPA 8260B	P4L0807	6.9	100	ND	11/30/04	12/07/04
cis-1,3-Dichloropropene	EPA 8260B	P4L0807	17	100	ND	11/30/04	12/07/04
trans-1,3-Dichloropropene	EPA 8260B	P4L0807	8.0	100	ND	11/30/04	12/07/04
Ethylbenzene	EPA 8260B	P4L0807	8.0	100	89	11/30/04	12/07/04
Hexachlorobutadiene	EPA 8260B	P4L0807	77	250	ND	11/30/04	12/07/04
2-Hexanone	EPA 8260B	P4L0807	130	1000	ND	11/30/04	12/07/04
Iodomethane	EPA 8260B	P4L0807	25	250	ND	11/30/04	12/07/04
Isopropylbenzene	EPA 8260B	P4L0807	9.8	100	160	11/30/04	12/07/04

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Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL	Limit	Reporting Sample Result	Dilution	Date	Data
Sample ID: PNK0837-09 (D-EX1-4.0 - Soil) - cont.								
Reporting Units: ug/kg								
p-Isopropyltoluene	EPA 8260B	P4L0807	13	100	300	1.02	11/30/04	12/07/04
Methylene chloride	EPA 8260B	P4L0807	60	500	4400	1.02	11/30/04	12/07/04
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L0807	150	1000	ND	1.02	11/30/04	12/07/04
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L0807	13	250	ND	1.02	11/30/04	12/07/04
Naphthalene	EPA 8260B	P4L0807	67	250	ND	1.02	11/30/04	12/07/04
n-Propylbenzene	EPA 8260B	P4L0807	11	100	ND	1.02	11/30/04	12/07/04
Styrene	EPA 8260B	P4L0807	9.0	100	ND	1.02	11/30/04	12/07/04
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L0807	8.5	250	ND	1.02	11/30/04	12/07/04
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L0807	11	100	ND	1.02	11/30/04	12/07/04
Tetrachloroethene	EPA 8260B	P4L0807	11	100	180	1.02	11/30/04	12/07/04
Toluene	EPA 8260B	P4L0807	8.9	100	60	1.02	11/30/04	12/07/04
1,2,3-Trichlorobenzene	EPA 8260B	P4L0807	60	250	ND	1.02	11/30/04	12/07/04
1,2,4-Trichlorobenzene	EPA 8260B	P4L0807	30	250	ND	1.02	11/30/04	12/07/04
1,1,2-Trichloroethane	EPA 8260B	P4L0807	9.6	100	ND	1.02	11/30/04	12/07/04
Trichloroethene	EPA 8260B	P4L0807	11	100	740	1.02	11/30/04	12/07/04
Trichlorofluoromethane	EPA 8260B	P4L0807	7.8	250	1000	1.02	11/30/04	12/07/04
1,2,3-Trichloropropane	EPA 8260B	P4L0807	10	500	ND	1.02	11/30/04	12/07/04
1,2,4-Trimethylbenzene	EPA 8260B	P4L0807	9.7	100	140	1.02	11/30/04	12/07/04
1,3,5-Trimethylbenzene	EPA 8260B	P4L0807	10	100	52	1.02	11/30/04	12/07/04
Vinyl acetate	EPA 8260B	P4L0807	10	1200	ND	1.02	11/30/04	12/07/04
Vinyl chloride	EPA 8260B	P4L0807	4.7	250	ND	1.02	11/30/04	12/07/04
Xylenes, Total	EPA 8260B	P4L0807	18	150	320	1.02	11/30/04	12/07/04
Surrogate: Dibromofluoromethane (70-120%)					95 %			
Surrogate: Toluene-d8 (75-120%)					102 %			
Surrogate: 4-Bromofluorobenzene (75-120%)					102 %			

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Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL	Limit	Reporting Sample Result	Dilution	Date	Data
Sample ID: PNK0837-09 RE1 (D-EX1-4.0 - Soil) - cont.								
Reporting Units: ug/kg								
1,1-Dichloroethane	EPA 8260B	P4L1007	140	2000	13000	20.4	11/30/04	12/10/04
1,1-Dichloroethene	EPA 8260B	P4L1007	150	5000	15000	20.4	11/30/04	12/10/04
Surrogate: Dibromofluoromethane (70-120%)					102 %			
Surrogate: Toluene-d8 (75-120%)					103 %			
Surrogate: 4-Bromofluorobenzene (75-120%)					101 %			

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Project ID: 24018.004/Air Liquide

Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Volkovinsky

Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL Limit	Reporting Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-09RE2 (D-EX1-4.0 - Soil) - cont.							
Reporting Units: ug/kg							
1,1,1-Trichloroethane	EPA 8260B	P4L1301	1200	20000	11000000	204	11/30/04 12/11/04
Surrogate: Dibromofluoromethane (70-120%)						106 %	
Surrogate: Toluene-d8 (75-120%)						102 %	
Surrogate: 4-Bromofluorobenzene (75-120%)						105 %	

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Project ID: 24018.004/Air Liquide

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6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Volkovinsky

Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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

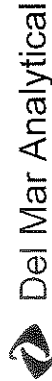
Analyte	Method	Batch	MDL Limit	Reporting Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-10 (H-EX2-4.0 - Soil)							
Reporting Units: ug/kg							
Acetone	EPA 8260B	P4L0807	2400	10000	ND	8.44	11/30/04 12/07/04 V1
Benzene	EPA 8260B	P4L0807	140	500	ND	8.44	11/30/04 12/07/04
Bromobenzene	EPA 8260B	P4L0807	77	2500	ND	8.44	11/30/04 12/07/04
Bromochloromethane	EPA 8260B	P4L0807	62	2500	ND	8.44	11/30/04 12/07/04
Bromodichloromethane	EPA 8260B	P4L0807	92	1000	ND	8.44	11/30/04 12/07/04
Bromoforn	EPA 8260B	P4L0807	83	2500	ND	8.44	11/30/04 12/07/04
Bromomethane	EPA 8260B	P4L0807	1100	2500	ND	8.44	11/30/04 12/07/04
2-Butanone (MEK)	EPA 8260B	P4L0807	2400	10000	ND	8.44	11/30/04 12/07/04 V1
n-Butylbenzene	EPA 8260B	P4L0807	180	2500	ND	8.44	11/30/04 12/07/04
sec-Butylbenzene	EPA 8260B	P4L0807	120	2500	ND	8.44	11/30/04 12/07/04
tert-Butylbenzene	EPA 8260B	P4L0807	110	2500	ND	8.44	11/30/04 12/07/04
Carbon Disulfide	EPA 8260B	P4L0807	80	5000	ND	8.44	11/30/04 12/07/04
Carbon tetrachloride	EPA 8260B	P4L0807	62	2500	ND	8.44	11/30/04 12/07/04
Chlorobenzene	EPA 8260B	P4L0807	77	500	ND	8.44	11/30/04 12/07/04
Chloroethane	EPA 8260B	P4L0807	85	2500	ND	8.44	11/30/04 12/07/04
Chloroform	EPA 8260B	P4L0807	83	1000	ND	8.44	11/30/04 12/07/04
Chloromethane	EPA 8260B	P4L0807	100	2500	ND	8.44	11/30/04 12/07/04
2-Chlorotoluene	EPA 8260B	P4L0807	99	2500	ND	8.44	11/30/04 12/07/04
4-Chlorotoluene	EPA 8260B	P4L0807	86	2500	ND	8.44	11/30/04 12/07/04
Dibromochloromethane	EPA 8260B	P4L0807	82	1000	ND	8.44	11/30/04 12/07/04
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L0807	650	2500	ND	8.44	11/30/04 12/07/04
1,2-Dibromoethane (EDB)	EPA 8260B	P4L0807	77	1000	ND	8.44	11/30/04 12/07/04
Dibromomethane	EPA 8260B	P4L0807	83	1000	ND	8.44	11/30/04 12/07/04
1,2-Dichlorobenzene	EPA 8260B	P4L0807	92	1000	ND	8.44	11/30/04 12/07/04
1,3-Dichlorobenzene	EPA 8260B	P4L0807	80	1000	ND	8.44	11/30/04 12/07/04
1,4-Dichlorobenzene	EPA 8260B	P4L0807	94	1000	ND	8.44	11/30/04 12/07/04
Dichlorodifluoromethane	EPA 8260B	P4L0807	110	2500	ND	8.44	11/30/04 12/07/04
1,2-Dichloroethane	EPA 8260B	P4L0807	78	500	ND	8.44	11/30/04 12/07/04
cis-1,2-Dichloroethene	EPA 8260B	P4L0807	110	1000	ND	8.44	11/30/04 12/07/04
trans-1,2-Dichloroethene	EPA 8260B	P4L0807	73	1000	ND	8.44	11/30/04 12/07/04
1,3-Dichloropropane	EPA 8260B	P4L0807	84	1000	ND	8.44	11/30/04 12/07/04
2,2-Dichloropropane	EPA 8260B	P4L0807	130	1000	ND	8.44	11/30/04 12/07/04
1,1-Dichloropropene	EPA 8260B	P4L0807	69	1000	ND	8.44	11/30/04 12/07/04
cis-1,3-Dichloropropene	EPA 8260B	P4L0807	170	1000	ND	8.44	11/30/04 12/07/04
trans-1,3-Dichloropropene	EPA 8260B	P4L0807	80	1000	ND	8.44	11/30/04 12/07/04
Ethylbenzene	EPA 8260B	P4L0807	80	1000	ND	8.44	11/30/04 12/07/04
Hexachlorobutadiene	EPA 8260B	P4L0807	770	2500	ND	8.44	11/30/04 12/07/04
2-Hexanone	EPA 8260B	P4L0807	1300	10000	ND	8.44	11/30/04 12/07/04 V1
Iodomethane	EPA 8260B	P4L0807	250	2500	ND	8.44	11/30/04 12/07/04
Isopropylbenzene	EPA 8260B	P4L0807	98	1000	ND	8.44	11/30/04 12/07/04

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Qualifiers
Sample ID: PNK0837-10 (H-EX2-4.0 - Soil) - cont.									
Reporting Units: ug/kg									
p-Isopropyltoluene	EPA 8260B	P4L0807	130	1000	280	8.44	11/30/04	12/07/04	E4
Methylene chloride	EPA 8260B	P4L0807	600	5000	49000	8.44	11/30/04	12/07/04	
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L0807	1500	10000	ND	8.44	11/30/04	12/07/04	V1
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L0807	130	2500	ND	8.44	11/30/04	12/07/04	
Naphthalene	EPA 8260B	P4L0807	670	2500	ND	8.44	11/30/04	12/07/04	
n-Propylbenzene	EPA 8260B	P4L0807	110	1000	ND	8.44	11/30/04	12/07/04	
Styrene	EPA 8260B	P4L0807	90	1000	ND	8.44	11/30/04	12/07/04	
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L0807	85	2500	ND	8.44	11/30/04	12/07/04	
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L0807	110	1000	ND	8.44	11/30/04	12/07/04	
Tetrachloroethene	EPA 8260B	P4L0807	89	1000	360	8.44	11/30/04	12/07/04	E4
Toluene	EPA 8260B	P4L0807	600	2500	230	8.44	11/30/04	12/07/04	E4
1,2,3-Trichlorobenzene	EPA 8260B	P4L0807	300	2500	ND	8.44	11/30/04	12/07/04	
1,2,4-Trichlorobenzene	EPA 8260B	P4L0807	96	1000	ND	8.44	11/30/04	12/07/04	
1,1,2-Trichloroethane	EPA 8260B	P4L0807	110	1000	3000	8.44	11/30/04	12/07/04	
Trichloroethene	EPA 8260B	P4L0807	78	2500	20000	8.44	11/30/04	12/07/04	
Trichlorofluoromethane	EPA 8260B	P4L0807	100	5000	ND	8.44	11/30/04	12/07/04	
1,2,3-Trichloropropane	EPA 8260B	P4L0807	97	1000	230	8.44	11/30/04	12/07/04	E4
1,2,4-Trimethylbenzene	EPA 8260B	P4L0807	100	1000	ND	8.44	11/30/04	12/07/04	
1,3,5-Trimethylbenzene	EPA 8260B	P4L0807	100	12000	ND	8.44	11/30/04	12/07/04	
Vinyl acetate	EPA 8260B	P4L0807	47	2500	ND	8.44	11/30/04	12/07/04	
Vinyl chloride	EPA 8260B	P4L0807	180	1500	510	8.44	11/30/04	12/07/04	E4
Xylenes, Total	EPA 8260B	P4L0807			94 %				
					102 %				
					103 %				
Surrogate: Toluene-d8 (75-120%)									
Surrogate: 4-Bromofluorobenzene (75-120%)									

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Linda Eshelman
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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

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

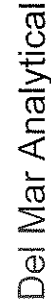
Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Qualifiers
Sample ID: PNK0837-10REI (H-EX2-4.0 - Soil) - cont.									
Reporting Units: ug/kg									
1,1-Dichloroethane	EPA 8260B	P4L1007	690	10000	100000	84.4	11/30/04	12/10/04	
1,1-Dichloroethene	EPA 8260B	P4L1007	750	25000	100000	84.4	11/30/04	12/10/04	
Surrogate: Dibromofluoromethane (70-120%)					105 %				
Surrogate: Toluene-d8 (75-120%)					104 %				
Surrogate: 4-Bromofluorobenzene (75-120%)					104 %				

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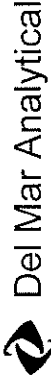
VOLATILE ORGANICS BY GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution	Date Analyzed	Qualifiers
Sample ID: PNK0837-10REZ (H-EX2-4.0 - Soil) - cont.								
Reporting Units: ug/kg								
1,1,1-Trichloroethane	EPA 8260B	P4L1311	12000	200000	6300000	1690	11/30/04	12/13/04
Surrogate: Dibromofluoromethane (70-120%)					100 %			
Surrogate: Toluene-d8 (75-120%)					104 %			
Surrogate: 4-Bromofluorobenzene (75-120%)					100 %			

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6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

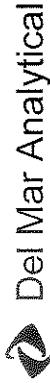
VOLATILE ORGANICS BY GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution	Date Analyzed	Qualifiers
Sample ID: PNK0837-11 (C-EX3-5.75 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	P4L0807	240	1000	ND	1.1	11/30/04	12/07/04
Benzene	EPA 8260B	P4L0807	14	50	ND	1.1	11/30/04	12/07/04
Bromobenzene	EPA 8260B	P4L0807	7.7	250	ND	1.1	11/30/04	12/07/04
Bromochloromethane	EPA 8260B	P4L0807	6.2	250	ND	1.1	11/30/04	12/07/04
Bromodichloromethane	EPA 8260B	P4L0807	9.2	100	ND	1.1	11/30/04	12/07/04
Bromoform	EPA 8260B	P4L0807	8.3	250	ND	1.1	11/30/04	12/07/04
Bromomethane	EPA 8260B	P4L0807	110	250	ND	1.1	11/30/04	12/07/04
2-Butanone (MEK)	EPA 8260B	P4L0807	240	1000	ND	1.1	11/30/04	12/07/04
n-Butylbenzene	EPA 8260B	P4L0807	18	250	ND	1.1	11/30/04	12/07/04
sec-Butylbenzene	EPA 8260B	P4L0807	12	250	ND	1.1	11/30/04	12/07/04
tert-Butylbenzene	EPA 8260B	P4L0807	11	250	ND	1.1	11/30/04	12/07/04
Carbon Disulfide	EPA 8260B	P4L0807	8.0	500	ND	1.1	11/30/04	12/07/04
Carbon tetrachloride	EPA 8260B	P4L0807	6.2	250	ND	1.1	11/30/04	12/07/04
Chlorobenzene	EPA 8260B	P4L0807	7.7	50	ND	1.1	11/30/04	12/07/04
Chloroethane	EPA 8260B	P4L0807	8.5	250	ND	1.1	11/30/04	12/07/04
Chloroform	EPA 8260B	P4L0807	8.3	100	ND	1.1	11/30/04	12/07/04
2-Chlorotoluene	EPA 8260B	P4L0807	9.9	250	ND	1.1	11/30/04	12/07/04
4-Chlorotoluene	EPA 8260B	P4L0807	8.6	250	ND	1.1	11/30/04	12/07/04
Dibromochloromethane	EPA 8260B	P4L0807	8.2	100	ND	1.1	11/30/04	12/07/04
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L0807	65	250	ND	1.1	11/30/04	12/07/04
1,2-Dibromomethane (EDB)	EPA 8260B	P4L0807	7.7	100	ND	1.1	11/30/04	12/07/04
Dibromomethane	EPA 8260B	P4L0807	8.3	100	ND	1.1	11/30/04	12/07/04
1,2-Dichlorobenzene	EPA 8260B	P4L0807	9.2	100	ND	1.1	11/30/04	12/07/04
1,3-Dichlorobenzene	EPA 8260B	P4L0807	8.0	100	ND	1.1	11/30/04	12/07/04
1,4-Dichlorobenzene	EPA 8260B	P4L0807	9.4	100	ND	1.1	11/30/04	12/07/04
Dichlorodifluoromethane	EPA 8260B	P4L0807	11	250	ND	1.1	11/30/04	12/07/04
1,1-Dichloroethane	EPA 8260B	P4L0807	6.9	100	67	1.1	11/30/04	12/07/04
1,2-Dichloroethane	EPA 8260B	P4L0807	7.8	50	ND	1.1	11/30/04	12/07/04
1,1-Dichloroethene	EPA 8260B	P4L0807	7.5	250	37	1.1	11/30/04	12/07/04
cis-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	1.1	11/30/04	12/07/04
trans-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	1.1	11/30/04	12/07/04
1,2-Dichloropropane	EPA 8260B	P4L0807	7.3	100	ND	1.1	11/30/04	12/07/04
1,3-Dichloropropane	EPA 8260B	P4L0807	8.4	100	ND	1.1	11/30/04	12/07/04
2,2-Dichloropropane	EPA 8260B	P4L0807	13	100	ND	1.1	11/30/04	12/07/04
1,1-Dichloropropene	EPA 8260B	P4L0807	6.9	100	ND	1.1	11/30/04	12/07/04
cis-1,3-Dichloropropene	EPA 8260B	P4L0807	17	100	ND	1.1	11/30/04	12/07/04
trans-1,3-Dichloropropene	EPA 8260B	P4L0807	8.0	100	ND	1.1	11/30/04	12/07/04
Ethylbenzene	EPA 8260B	P4L0807	8.0	100	ND	1.1	11/30/04	12/07/04
Hexachlorobutadiene	EPA 8260B	P4L0807	77	250	ND	1.1	11/30/04	12/07/04
2-Hexanone	EPA 8260B	P4L0807	130	1000	ND	1.1	11/30/04	12/07/04

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Linda Esheleman
Project Manager

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3623 FAX (702) 798-3621

Project ID: 24018.004/Air Liquide

Sampled: 11/30/04
Received: 11/30/04

Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Attention: Amy Wolkovinsky

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-11 (C-EX3-5.75 - Soft)								
Reporting Units: ug/kg								

Iodomethane	EPA 8260B	P4L0807	25	250	ND	1.1	11/30/04	12/07/04
Isopropylbenzene	EPA 8260B	P4L0807	9.8	100	ND	1.1	11/30/04	12/07/04
p-Isopropyltoluene	EPA 8260B	P4L0807	13	100	ND	1.1	11/30/04	12/07/04
Methylcyclohexane	EPA 8260B	P4L0807	60	500	130	1.1	11/30/04	12/07/04
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L0807	150	1000	ND	1.1	11/30/04	12/07/04
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L0807	13	250	ND	1.1	11/30/04	12/07/04
Naphthalene	EPA 8260B	P4L0807	67	250	ND	1.1	11/30/04	12/07/04
n-Propylbenzene	EPA 8260B	P4L0807	11	100	ND	1.1	11/30/04	12/07/04
Styrene	EPA 8260B	P4L0807	9.0	100	ND	1.1	11/30/04	12/07/04
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L0807	8.5	250	ND	1.1	11/30/04	12/07/04
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L0807	11	100	ND	1.1	11/30/04	12/07/04
Tetrachloroethene	EPA 8260B	P4L0807	11	100	ND	1.1	11/30/04	12/07/04
Toluene	EPA 8260B	P4L0807	8.9	100	ND	1.1	11/30/04	12/07/04
1,2,3-Trichlorobenzene	EPA 8260B	P4L0807	60	250	ND	1.1	11/30/04	12/07/04
1,2,4-Trichlorobenzene	EPA 8260B	P4L0807	30	250	ND	1.1	11/30/04	12/07/04
1,1,1-Trichloroethane	EPA 8260B	P4L0807	6.2	100	800	1.1	11/30/04	12/07/04
1,1,2-Trichloroethane	EPA 8260B	P4L0807	9.6	100	ND	1.1	11/30/04	12/07/04
Trichloroethene	EPA 8260B	P4L0807	11	100	ND	1.1	11/30/04	12/07/04
Trichlorofluoromethane	EPA 8260B	P4L0807	7.8	250	ND	1.1	11/30/04	12/07/04
1,2,3-Trichloropropane	EPA 8260B	P4L0807	10	500	ND	1.1	11/30/04	12/07/04
1,2,4-Trimethylbenzene	EPA 8260B	P4L0807	9.7	100	ND	1.1	11/30/04	12/07/04
1,3,5-Trimethylbenzene	EPA 8260B	P4L0807	10	1200	ND	1.1	11/30/04	12/07/04
Vinyl acetate	EPA 8260B	P4L0807	10	1200	ND	1.1	11/30/04	12/07/04
Vinyl chloride	EPA 8260B	P4L0807	4.7	250	ND	1.1	11/30/04	12/07/04
Xylenes, Total	EPA 8260B	P4L0807	18	150	ND	1.1	11/30/04	12/07/04
Surrogate: Dibromofluoromethane (70-120%)					93 %			
Surrogate: Toluene-d8 (75-120%)					99 %			
Surrogate: 4-Bromofluorobenzene (75-120%)					97 %			

Del Mar Analytical - Phoenix
Linda Eshelman
Project Manager

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3623 FAX (702) 798-3621

Project ID: 24018.004/Air Liquide

Sampled: 11/30/04
Received: 11/30/04

Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Attention: Amy Wolkovinsky

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-12 (G-EX4-5.75 - Soft)								
Reporting Units: ug/kg								

Acetone	EPA 8260B	P4L0807	240	1000	ND	1.01	11/30/04	12/07/04
Benzene	EPA 8260B	P4L0807	14	50	ND	1.01	11/30/04	12/07/04
Bromobenzene	EPA 8260B	P4L0807	7.7	250	ND	1.01	11/30/04	12/07/04
Bromochloromethane	EPA 8260B	P4L0807	6.2	250	ND	1.01	11/30/04	12/07/04
Bromodichloromethane	EPA 8260B	P4L0807	9.2	100	ND	1.01	11/30/04	12/07/04
Bromoform	EPA 8260B	P4L0807	8.3	250	ND	1.01	11/30/04	12/07/04
Bromonethane	EPA 8260B	P4L0807	110	250	ND	1.01	11/30/04	12/07/04
2-Butanone (MEK)	EPA 8260B	P4L0807	240	1000	ND	1.01	11/30/04	12/07/04
n-Butylbenzene	EPA 8260B	P4L0807	18	250	ND	1.01	11/30/04	12/07/04
sec-Butylbenzene	EPA 8260B	P4L0807	12	250	ND	1.01	11/30/04	12/07/04
tert-Butylbenzene	EPA 8260B	P4L0807	11	250	ND	1.01	11/30/04	12/07/04
Carbon Disulfide	EPA 8260B	P4L0807	8.0	500	ND	1.01	11/30/04	12/07/04
Carbon tetrachloride	EPA 8260B	P4L0807	6.2	250	ND	1.01	11/30/04	12/07/04
Chlorobenzene	EPA 8260B	P4L0807	7.7	50	ND	1.01	11/30/04	12/07/04
Chloroethane	EPA 8260B	P4L0807	8.5	250	ND	1.01	11/30/04	12/07/04
Chloroform	EPA 8260B	P4L0807	8.3	100	ND	1.01	11/30/04	12/07/04
Chloromethane	EPA 8260B	P4L0807	10	250	ND	1.01	11/30/04	12/07/04
2-Chlorotoluene	EPA 8260B	P4L0807	9.9	250	ND	1.01	11/30/04	12/07/04
4-Chlorotoluene	EPA 8260B	P4L0807	8.6	250	ND	1.01	11/30/04	12/07/04
Dibromochloromethane	EPA 8260B	P4L0807	8.2	100	ND	1.01	11/30/04	12/07/04
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L0807	65	250	ND	1.01	11/30/04	12/07/04
1,2-Dibromomethane (EDB)	EPA 8260B	P4L0807	7.7	100	ND	1.01	11/30/04	12/07/04
Dibromomethane	EPA 8260B	P4L0807	8.3	100	ND	1.01	11/30/04	12/07/04
1,2-Dichlorobenzene	EPA 8260B	P4L0807	9.2	100	ND	1.01	11/30/04	12/07/04
1,3-Dichlorobenzene	EPA 8260B	P4L0807	8.0	100	ND	1.01	11/30/04	12/07/04
1,4-Dichlorobenzene	EPA 8260B	P4L0807	9.4	100	ND	1.01	11/30/04	12/07/04
Dichlorodifluoromethane	EPA 8260B	P4L0807	11	250	ND	1.01	11/30/04	12/07/04
1,1-Dichloroethane	EPA 8260B	P4L0807	6.9	100	35	1.01	11/30/04	12/07/04
1,2-Dichloroethane	EPA 8260B	P4L0807	7.8	50	ND	1.01	11/30/04	12/07/04
1,1-Dichloroethene	EPA 8260B	P4L0807	7.5	250	ND	1.01	11/30/04	12/07/04
cis-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	1.01	11/30/04	12/07/04
trans-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	1.01	11/30/04	12/07/04
1,2-Dichloropropane	EPA 8260B	P4L0807	7.3	100	ND	1.01	11/30/04	12/07/04
1,3-Dichloropropane	EPA 8260B	P4L0807	8.4	100	ND	1.01	11/30/04	12/07/04
2,2-Dichloropropane	EPA 8260B	P4L0807	13	100	ND	1.01	11/30/04	12/07/04
1,1-Dichloropropene	EPA 8260B	P4L0807	6.9	100	ND	1.01	11/30/04	12/07/04
cis-1,3-Dichloropropene	EPA 8260B	P4L0807	17	100	ND	1.01	11/30/04	12/07/04
trans-1,3-Dichloropropene	EPA 8260B	P4L0807	8.0	100	ND	1.01	11/30/04	12/07/04
Ethylbenzene	EPA 8260B	P4L0807	8.0	100	ND	1.01	11/30/04	12/07/04
Hexachlorobutadiene	EPA 8260B	P4L0807	77	250	ND	1.01	11/30/04	12/07/04
2-Hexanone	EPA 8260B	P4L0807	130	1000	ND	1.01	11/30/04	12/07/04

Del Mar Analytical - Phoenix
Linda Eshelman
Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

17481 Denair Ave., Suite 100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3267
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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

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

Analyte	Method	Batch	MDL Limit	Reporting Sample Result	Dilution Factor	Date Analyzed	Qualifiers
Sample ID: PNK0837-12 (G-EX4-5.75 - Soil) - cont.							
Reporting Units: ug/kg							
Iodomethane	EPA 8260B	P4L0807	25	ND	1.01	11/30/04	12/07/04
Isopropylbenzene	EPA 8260B	P4L0807	9.8	ND	1.01	11/30/04	12/07/04
p-Isopropyltoluene	EPA 8260B	P4L0807	13	ND	1.01	11/30/04	12/07/04
Methylene chloride	EPA 8260B	P4L0807	60	130	1.01	11/30/04	12/07/04 E4
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L0807	150	1000	1.01	11/30/04	12/07/04 V1
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L0807	13	250	ND	1.01	11/30/04
Naphthalene	EPA 8260B	P4L0807	67	250	ND	1.01	11/30/04
n-Propylbenzene	EPA 8260B	P4L0807	11	100	ND	1.01	11/30/04
Styrene	EPA 8260B	P4L0807	9.0	100	ND	1.01	11/30/04
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L0807	8.5	250	ND	1.01	11/30/04
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L0807	11	100	ND	1.01	11/30/04
Toluene	EPA 8260B	P4L0807	8.9	100	ND	1.01	11/30/04
1,2,3-Trichlorobenzene	EPA 8260B	P4L0807	60	250	ND	1.01	11/30/04
1,2,4-Trichlorobenzene	EPA 8260B	P4L0807	30	250	ND	1.01	11/30/04
1,1,1-Trichloroethane	EPA 8260B	P4L0807	6.2	100	160	1.01	11/30/04
1,1,2-Trichloroethane	EPA 8260B	P4L0807	9.6	100	ND	1.01	11/30/04
Trichloroethene	EPA 8260B	P4L0807	11	100	ND	1.01	11/30/04
Trichlorofluoromethane	EPA 8260B	P4L0807	7.8	250	ND	1.01	11/30/04
1,2,3-Trichloropropane	EPA 8260B	P4L0807	10	500	ND	1.01	11/30/04
1,2,4-Trimethylbenzene	EPA 8260B	P4L0807	9.7	100	ND	1.01	11/30/04
1,3,5-Trimethylbenzene	EPA 8260B	P4L0807	10	100	ND	1.01	11/30/04
Vinyl acetate	EPA 8260B	P4L0807	10	1200	ND	1.01	11/30/04
Vinyl chloride	EPA 8260B	P4L0807	4.7	250	ND	1.01	11/30/04
Xylenes, Total	EPA 8260B	P4L0807	18	150	ND	1.01	11/30/04
Surrogate: Dibromofluoromethane (70-120%)				92 %			
Surrogate: Toluene-d8 (75-120%)				98 %			
Surrogate: 4-Bromofluorobenzene (75-120%)				93 %			

Del Mar Analytical - Phoenix

Linda Estelman

Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

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

Analyte	Method	Batch	MDL Limit	Reporting Sample Result	Dilution Factor	Date Analyzed	Qualifiers
Sample ID: PNK0837-13 (G-EX4-5.75D - Soil)							
Reporting Units: ug/kg							
Acetone	EPA 8260B	P4L0807	240	1000	ND	1.02	11/30/04
Benzene	EPA 8260B	P4L0807	14	50	ND	1.02	11/30/04
Bromobenzene	EPA 8260B	P4L0807	7.7	250	ND	1.02	11/30/04
Bromochloromethane	EPA 8260B	P4L0807	6.2	250	ND	1.02	11/30/04
Bromodichloromethane	EPA 8260B	P4L0807	9.2	100	ND	1.02	11/30/04
Bromoforn	EPA 8260B	P4L0807	8.3	250	ND	1.02	11/30/04
Bromomethane	EPA 8260B	P4L0807	110	250	ND	1.02	11/30/04
2-Butanone (MEK)	EPA 8260B	P4L0807	240	1000	ND	1.02	11/30/04
n-Butylbenzene	EPA 8260B	P4L0807	18	250	ND	1.02	11/30/04
sec-Butylbenzene	EPA 8260B	P4L0807	12	250	ND	1.02	11/30/04
tert-Butylbenzene	EPA 8260B	P4L0807	11	250	ND	1.02	11/30/04
Carbon Disulfide	EPA 8260B	P4L0807	8.0	500	ND	1.02	11/30/04
Carbon tetrachloride	EPA 8260B	P4L0807	6.2	250	ND	1.02	11/30/04
Chlorobenzene	EPA 8260B	P4L0807	7.7	50	ND	1.02	11/30/04
Chloroethane	EPA 8260B	P4L0807	8.5	250	ND	1.02	11/30/04
Chloroform	EPA 8260B	P4L0807	8.3	100	ND	1.02	11/30/04
Chloromethane	EPA 8260B	P4L0807	10	250	ND	1.02	11/30/04
2-Chlorotoluene	EPA 8260B	P4L0807	9.9	250	ND	1.02	11/30/04
4-Chlorotoluene	EPA 8260B	P4L0807	8.6	250	ND	1.02	11/30/04
Dibromochloromethane	EPA 8260B	P4L0807	8.2	100	ND	1.02	11/30/04
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L0807	65	250	ND	1.02	11/30/04
1,2-Dibromomethane (EDB)	EPA 8260B	P4L0807	7.7	100	ND	1.02	11/30/04
Dibromomethane	EPA 8260B	P4L0807	8.3	100	ND	1.02	11/30/04
1,2-Dichlorobenzene	EPA 8260B	P4L0807	9.2	100	ND	1.02	11/30/04
1,3-Dichlorobenzene	EPA 8260B	P4L0807	8.0	100	ND	1.02	11/30/04
1,4-Dichlorobenzene	EPA 8260B	P4L0807	9.4	100	ND	1.02	11/30/04
Dichlorodifluoromethane	EPA 8260B	P4L0807	11	250	ND	1.02	11/30/04
1,1-Dichloroethane	EPA 8260B	P4L0807	6.9	100	97	1.02	11/30/04
1,2-Dichloroethane	EPA 8260B	P4L0807	7.8	50	ND	1.02	11/30/04
cis-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	1.02	11/30/04
trans-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	1.02	11/30/04
1,2-Dichloropropane	EPA 8260B	P4L0807	7.3	100	ND	1.02	11/30/04
1,3-Dichloropropane	EPA 8260B	P4L0807	8.4	100	ND	1.02	11/30/04
2,2-Dichloropropane	EPA 8260B	P4L0807	13	100	ND	1.02	11/30/04
1,1-Dichloropropene	EPA 8260B	P4L0807	6.9	100	ND	1.02	11/30/04
cis-1,3-Dichloropropene	EPA 8260B	P4L0807	17	100	ND	1.02	11/30/04
trans-1,3-Dichloropropene	EPA 8260B	P4L0807	8.0	100	ND	1.02	11/30/04
Ethylbenzene	EPA 8260B	P4L0807	8.0	100	ND	1.02	11/30/04
Hexachlorobutadiene	EPA 8260B	P4L0807	77	250	ND	1.02	11/30/04
2-Hexanone	EPA 8260B	P4L0807	130	1000	ND	1.02	11/30/04

Del Mar Analytical - Phoenix

Linda Estelman

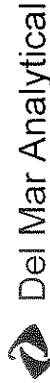
Project Manager

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2320 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 788-3620 FAX (702) 788-3621



Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

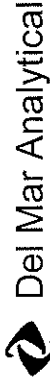
VOLATILE ORGANICS BY GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution	Date Analyzed	Qualifiers
Sample ID: PNK0837-I3 (G-EX4-5.75D - Soil) - cont.								
Reporting Units: ug/kg								
Iodomethane	EPA 8260B	P4L0807	25	250	ND	1.02	11/30/04 12/07/04	
Isopropylbenzene	EPA 8260B	P4L0807	9.8	100	ND	1.02	11/30/04 12/07/04	
p-Isopropyltoluene	EPA 8260B	P4L0807	13	100	ND	1.02	11/30/04 12/07/04	
Methylene chloride	EPA 8260B	P4L0807	60	500	140	1.02	11/30/04 12/07/04	E4
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L0807	150	1000	ND	1.02	11/30/04 12/07/04	V1
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L0807	13	250	ND	1.02	11/30/04 12/07/04	
Naphthalene	EPA 8260B	P4L0807	67	250	ND	1.02	11/30/04 12/07/04	
n-Propylbenzene	EPA 8260B	P4L0807	11	100	ND	1.02	11/30/04 12/07/04	
Styrene	EPA 8260B	P4L0807	9.0	100	ND	1.02	11/30/04 12/07/04	
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L0807	8.5	250	ND	1.02	11/30/04 12/07/04	
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L0807	11	100	ND	1.02	11/30/04 12/07/04	
Tetrachloroethene	EPA 8260B	P4L0807	11	100	ND	1.02	11/30/04 12/07/04	
Toluene	EPA 8260B	P4L0807	8.9	100	ND	1.02	11/30/04 12/07/04	
1,2,3-Trichlorobenzene	EPA 8260B	P4L0807	60	250	ND	1.02	11/30/04 12/07/04	
1,2,4-Trichlorobenzene	EPA 8260B	P4L0807	30	250	ND	1.02	11/30/04 12/07/04	
1,4,3-Trichloroethane	EPA 8260B	P4L0807	6.2	100	270	1.02	11/30/04 12/07/04	
1,1,2-Trichloroethane	EPA 8260B	P4L0807	9.6	100	ND	1.02	11/30/04 12/07/04	
Trichloroethene	EPA 8260B	P4L0807	11	100	ND	1.02	11/30/04 12/07/04	
Trichlorofluoromethane	EPA 8260B	P4L0807	7.8	250	ND	1.02	11/30/04 12/07/04	
1,2,3-Trichloropropane	EPA 8260B	P4L0807	10	500	ND	1.02	11/30/04 12/07/04	
1,2,4-Trimethylbenzene	EPA 8260B	P4L0807	9.7	100	ND	1.02	11/30/04 12/07/04	
1,3,5-Trimethylbenzene	EPA 8260B	P4L0807	10	100	ND	1.02	11/30/04 12/07/04	
Vinyl acetate	EPA 8260B	P4L0807	10	1200	ND	1.02	11/30/04 12/07/04	
Vinyl chloride	EPA 8260B	P4L0807	4.7	250	ND	1.02	11/30/04 12/07/04	
Xylenes, Total	EPA 8260B	P4L0807	18	150	ND	1.02	11/30/04 12/07/04	
Surrogate: Dibromofluoromethane (70-120%)					94 %			
Surrogate: Toluene-d8 (75-120%)					99 %			
Surrogate: 4-Bromofluorobenzene (75-120%)					96 %			

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Linda Esheleman
Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution	Date Analyzed	Qualifiers
Sample ID: PNK0837-I4 (C-EX5-5.75 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	P4L0807	240	1000	ND	1.05	11/30/04 12/07/04	V1
Benzene	EPA 8260B	P4L0807	14	50	ND	1.05	11/30/04 12/07/04	
Bromobenzene	EPA 8260B	P4L0807	7.7	250	ND	1.05	11/30/04 12/07/04	
Bromochloromethane	EPA 8260B	P4L0807	6.2	250	ND	1.05	11/30/04 12/07/04	
Bromodichloromethane	EPA 8260B	P4L0807	9.2	100	ND	1.05	11/30/04 12/07/04	
Bromoform	EPA 8260B	P4L0807	8.3	250	ND	1.05	11/30/04 12/07/04	
Bromomethane	EPA 8260B	P4L0807	110	250	ND	1.05	11/30/04 12/07/04	
2-Butanone (MEK)	EPA 8260B	P4L0807	240	1000	ND	1.05	11/30/04 12/07/04	V1
n-Butylbenzene	EPA 8260B	P4L0807	18	250	ND	1.05	11/30/04 12/07/04	
sec-Butylbenzene	EPA 8260B	P4L0807	12	250	ND	1.05	11/30/04 12/07/04	
tert-Butylbenzene	EPA 8260B	P4L0807	11	250	ND	1.05	11/30/04 12/07/04	
Carbon Disulfide	EPA 8260B	P4L0807	8.0	250	ND	1.05	11/30/04 12/07/04	
Carbon tetrachloride	EPA 8260B	P4L0807	6.2	250	ND	1.05	11/30/04 12/07/04	
Chlorobenzene	EPA 8260B	P4L0807	7.7	50	ND	1.05	11/30/04 12/07/04	
Chloroethane	EPA 8260B	P4L0807	8.5	250	ND	1.05	11/30/04 12/07/04	
Chloroform	EPA 8260B	P4L0807	8.3	100	ND	1.05	11/30/04 12/07/04	L3
Chloromethane	EPA 8260B	P4L0807	10	250	ND	1.05	11/30/04 12/07/04	
2-Chlorotoluene	EPA 8260B	P4L0807	9.9	250	ND	1.05	11/30/04 12/07/04	
4-Chlorotoluene	EPA 8260B	P4L0807	8.6	250	ND	1.05	11/30/04 12/07/04	
Dibromochloromethane	EPA 8260B	P4L0807	8.2	100	ND	1.05	11/30/04 12/07/04	
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L0807	65	250	ND	1.05	11/30/04 12/07/04	
1,2-Dibromomethane (EDB)	EPA 8260B	P4L0807	7.7	100	ND	1.05	11/30/04 12/07/04	
Dibromomethane	EPA 8260B	P4L0807	8.3	100	ND	1.05	11/30/04 12/07/04	
1,2-Dichlorobenzene	EPA 8260B	P4L0807	9.2	100	ND	1.05	11/30/04 12/07/04	
1,3-Dichlorobenzene	EPA 8260B	P4L0807	8.0	100	ND	1.05	11/30/04 12/07/04	
1,4-Dichlorobenzene	EPA 8260B	P4L0807	9.4	100	ND	1.05	11/30/04 12/07/04	
Dichlorodifluoromethane	EPA 8260B	P4L0807	11	250	ND	1.05	11/30/04 12/07/04	L3
1,1-Dichloroethane	EPA 8260B	P4L0807	6.9	100	400	1.05	11/30/04 12/07/04	
1,2-Dichloroethane	EPA 8260B	P4L0807	7.8	50	ND	1.05	11/30/04 12/07/04	
cis-1,2-Dichloroethene	EPA 8260B	P4L0807	7.5	250	260	1.05	11/30/04 12/07/04	
trans-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	1.05	11/30/04 12/07/04	
1,2-Dichloropropane	EPA 8260B	P4L0807	7.3	100	ND	1.05	11/30/04 12/07/04	
1,3-Dichloropropane	EPA 8260B	P4L0807	8.4	100	ND	1.05	11/30/04 12/07/04	
2,2-Dichloropropane	EPA 8260B	P4L0807	13	100	ND	1.05	11/30/04 12/07/04	
1,1-Dichloropropene	EPA 8260B	P4L0807	6.9	100	ND	1.05	11/30/04 12/07/04	
cis-1,3-Dichloropropene	EPA 8260B	P4L0807	17	100	ND	1.05	11/30/04 12/07/04	
trans-1,3-Dichloropropene	EPA 8260B	P4L0807	8.0	100	ND	1.05	11/30/04 12/07/04	
Ethylbenzene	EPA 8260B	P4L0807	8.0	100	ND	1.05	11/30/04 12/07/04	
Hexachlorobutadiene	EPA 8260B	P4L0807	77	250	ND	1.05	11/30/04 12/07/04	V1
n-Hexanone	EPA 8260B	P4L0807	130	1000	ND	1.05	11/30/04 12/07/04	

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Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-14 (C-EXS-5.75 - Soil) - cont.								
Reporting Units: ug/kg								
Iodomethane	EPA 8260B	P4L0807	25	ND	1.05	11/30/04	12/07/04	
Isopropylbenzene	EPA 8260B	P4L0807	9.8	ND	1.05	11/30/04	12/07/04	
p-Isopropyltoluene	EPA 8260B	P4L0807	13	ND	1.05	11/30/04	12/07/04	
Methylene chloride	EPA 8260B	P4L0807	60	150	1.05	11/30/04	12/07/04	E4
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L0807	150	1000	1.05	11/30/04	12/07/04	V1
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L0807	13	250	ND	1.05	11/30/04	12/07/04
Naphthalene	EPA 8260B	P4L0807	67	250	ND	1.05	11/30/04	12/07/04
n-Propylbenzene	EPA 8260B	P4L0807	11	100	ND	1.05	11/30/04	12/07/04
Styrene	EPA 8260B	P4L0807	9.0	100	ND	1.05	11/30/04	12/07/04
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L0807	8.5	250	ND	1.05	11/30/04	12/07/04
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L0807	11	100	ND	1.05	11/30/04	12/07/04
Tetrachloroethene	EPA 8260B	P4L0807	8.9	100	ND	1.05	11/30/04	12/07/04
Toluene	EPA 8260B	P4L0807	60	250	ND	1.05	11/30/04	12/07/04
1,2,3-Trichlorobenzene	EPA 8260B	P4L0807	30	250	ND	1.05	11/30/04	12/07/04
1,2,4-Trichlorobenzene	EPA 8260B	P4L0807	6.2	100	10000	1.05	11/30/04	12/07/04
1,1,1-Trichloroethane	EPA 8260B	P4L0807	9.6	100	ND	1.05	11/30/04	12/07/04
1,1,2-Trichloroethane	EPA 8260B	P4L0807	11	100	ND	1.05	11/30/04	12/07/04
Trichloroethene	EPA 8260B	P4L0807	7.8	250	28	1.05	11/30/04	12/07/04
Trichlorofluoromethane	EPA 8260B	P4L0807	10	500	ND	1.05	11/30/04	12/07/04
1,2,3-Trichloropropane	EPA 8260B	P4L0807	9.7	100	ND	1.05	11/30/04	12/07/04
1,2,4-Trimethylbenzene	EPA 8260B	P4L0807	10	100	ND	1.05	11/30/04	12/07/04
1,3,5-Trimethylbenzene	EPA 8260B	P4L0807	10	1200	ND	1.05	11/30/04	12/07/04
Vinyl acetate	EPA 8260B	P4L0807	4.7	250	ND	1.05	11/30/04	12/07/04
Vinyl chloride	EPA 8260B	P4L0807	18	150	ND	1.05	11/30/04	12/07/04
Xylenes, Total	EPA 8260B	P4L0807			93 %			
Surrogate: Dibromofluoromethane (70-120%)					98 %			
Surrogate: Toluene-d8 (75-120%)					96 %			
Surrogate: 4-Bromofluorobenzene (75-120%)								

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Linda Eshelman
Project Manager

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Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
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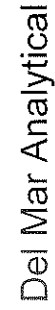
VOLATILE ORGANICS BY GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-16 (CCW-01 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	P4L0807	240	1000	ND	1.06	11/30/04	12/07/04
Benzene	EPA 8260B	P4L0807	14	50	ND	1.06	11/30/04	12/07/04
Bromobenzene	EPA 8260B	P4L0807	7.7	250	ND	1.06	11/30/04	12/07/04
Bromochloromethane	EPA 8260B	P4L0807	6.2	250	ND	1.06	11/30/04	12/07/04
Bromodichloromethane	EPA 8260B	P4L0807	9.2	100	ND	1.06	11/30/04	12/07/04
Bromoforn	EPA 8260B	P4L0807	8.3	250	ND	1.06	11/30/04	12/07/04
Bromomethane	EPA 8260B	P4L0807	110	250	ND	1.06	11/30/04	12/07/04
2-Butanone (MEK)	EPA 8260B	P4L0807	240	1000	ND	1.06	11/30/04	12/07/04
n-Butylbenzene	EPA 8260B	P4L0807	18	250	ND	1.06	11/30/04	12/07/04
sec-Butylbenzene	EPA 8260B	P4L0807	12	250	ND	1.06	11/30/04	12/07/04
tert-Butylbenzene	EPA 8260B	P4L0807	11	250	ND	1.06	11/30/04	12/07/04
Carbon Disulfide	EPA 8260B	P4L0807	8.0	500	ND	1.06	11/30/04	12/07/04
Carbon tetrachloride	EPA 8260B	P4L0807	6.2	250	ND	1.06	11/30/04	12/07/04
Chlorobenzene	EPA 8260B	P4L0807	7.7	50	ND	1.06	11/30/04	12/07/04
Chloroethane	EPA 8260B	P4L0807	8.5	250	ND	1.06	11/30/04	12/07/04
Chloroform	EPA 8260B	P4L0807	8.3	100	ND	1.06	11/30/04	12/07/04
Chloromethane	EPA 8260B	P4L0807	10	250	ND	1.06	11/30/04	12/07/04
2-Chlorotoluene	EPA 8260B	P4L0807	9.9	250	ND	1.06	11/30/04	12/07/04
4-Chlorotoluene	EPA 8260B	P4L0807	8.6	250	ND	1.06	11/30/04	12/07/04
Dibromochloromethane	EPA 8260B	P4L0807	8.2	100	ND	1.06	11/30/04	12/07/04
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L0807	6.5	250	ND	1.06	11/30/04	12/07/04
1,2-Dibromomethane (EDB)	EPA 8260B	P4L0807	7.7	100	ND	1.06	11/30/04	12/07/04
Dibromomethane	EPA 8260B	P4L0807	8.3	100	ND	1.06	11/30/04	12/07/04
1,2-Dichlorobenzene	EPA 8260B	P4L0807	9.2	100	ND	1.06	11/30/04	12/07/04
1,3-Dichlorobenzene	EPA 8260B	P4L0807	8.0	100	ND	1.06	11/30/04	12/07/04
1,4-Dichlorobenzene	EPA 8260B	P4L0807	9.4	100	ND	1.06	11/30/04	12/07/04
Dichlorodifluoromethane	EPA 8260B	P4L0807	11	250	ND	1.06	11/30/04	12/07/04
1,1-Dichloroethane	EPA 8260B	P4L0807	6.9	100	100	1.06	11/30/04	12/07/04
1,2-Dichloroethane	EPA 8260B	P4L0807	7.8	50	ND	1.06	11/30/04	12/07/04
1,1-Dichloroethene	EPA 8260B	P4L0807	7.5	250	110	1.06	11/30/04	12/07/04
cis-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	1.06	11/30/04	12/07/04
trans-1,2-Dichloroethene	EPA 8260B	P4L0807	11	100	ND	1.06	11/30/04	12/07/04
1,2-Dichloropropane	EPA 8260B	P4L0807	7.3	100	ND	1.06	11/30/04	12/07/04
1,3-Dichloropropane	EPA 8260B	P4L0807	8.4	100	ND	1.06	11/30/04	12/07/04
2,2-Dichloropropane	EPA 8260B	P4L0807	13	100	ND	1.06	11/30/04	12/07/04
1,1-Dichloropropene	EPA 8260B	P4L0807	6.9	100	ND	1.06	11/30/04	12/07/04
cis-1,3-Dichloropropene	EPA 8260B	P4L0807	17	100	ND	1.06	11/30/04	12/07/04
trans-1,3-Dichloropropene	EPA 8260B	P4L0807	8.0	100	ND	1.06	11/30/04	12/07/04
Ethylbenzene	EPA 8260B	P4L0807	8.0	100	ND	1.06	11/30/04	12/07/04
Hexachlorobutadiene	EPA 8260B	P4L0807	77	250	ND	1.06	11/30/04	12/07/04
2-Hexanone	EPA 8260B	P4L0807	130	1000	ND	1.06	11/30/04	12/07/04

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Linda Eshelman
Project Manager

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Project ID: 24018.004/Air Liquide

Sampled: 11/30/04
Received: 11/30/04

Report Number: PNK0837

Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

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

Analyte Method Batch MDL Reporting Sample Dilution Date Analyzed Qualifiers

Sample ID: PNK0837-16 (CCW-01 - Soil) - cont.

Reporting Units: ug/kg

Iodomethane	EPA 8260B	P4L0807	25	ND	1.06	11/30/04	12/07/04	
Isopropylbenzene	EPA 8260B	P4L0807	9.8	ND	1.06	11/30/04	12/07/04	
p-Isopropyltoluene	EPA 8260B	P4L0807	13	ND	1.06	11/30/04	12/07/04	
Methylcyclohexane	EPA 8260B	P4L0807	60	180	1.06	11/30/04	12/07/04	E4
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L0807	150	ND	1.06	11/30/04	12/07/04	V1
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L0807	13	250	ND	1.06	11/30/04	12/07/04
Naphthalene	EPA 8260B	P4L0807	67	250	ND	1.06	11/30/04	12/07/04
n-Propylbenzene	EPA 8260B	P4L0807	11	ND	1.06	11/30/04	12/07/04	
Syrene	EPA 8260B	P4L0807	9.0	100	ND	1.06	11/30/04	12/07/04
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L0807	8.5	250	ND	1.06	11/30/04	12/07/04
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L0807	11	ND	1.06	11/30/04	12/07/04	
Tetrachloroethene	EPA 8260B	P4L0807	11	ND	1.06	11/30/04	12/07/04	
Toluene	EPA 8260B	P4L0807	8.9	100	ND	1.06	11/30/04	12/07/04
1,2,3-Trichlorobenzene	EPA 8260B	P4L0807	60	250	ND	1.06	11/30/04	12/07/04
1,2,4-Trichlorobenzene	EPA 8260B	P4L0807	30	250	ND	1.06	11/30/04	12/07/04
1,3,1-Trichloroethane	EPA 8260B	P4L0807	6.2	100	3800	1.06	11/30/04	12/07/04
1,1,2-Trichloroethane	EPA 8260B	P4L0807	9.6	100	ND	1.06	11/30/04	12/07/04
Trichloroethene	EPA 8260B	P4L0807	11	100	ND	1.06	11/30/04	12/07/04
Trichlorofluoromethane	EPA 8260B	P4L0807	7.8	250	ND	1.06	11/30/04	12/07/04
1,2,3-Trichloropropane	EPA 8260B	P4L0807	10	500	ND	1.06	11/30/04	12/07/04
1,2,4-Trimethylbenzene	EPA 8260B	P4L0807	9.7	100	ND	1.06	11/30/04	12/07/04
1,3,5-Trimethylbenzene	EPA 8260B	P4L0807	10	1200	ND	1.06	11/30/04	12/07/04
Vinyl acetate	EPA 8260B	P4L0807	10	250	ND	1.06	11/30/04	12/07/04
Vinyl chloride	EPA 8260B	P4L0807	4.7	250	ND	1.06	11/30/04	12/07/04
Xylenes, Total	EPA 8260B	P4L0807	18	150	ND	1.06	11/30/04	12/07/04

Surrogate: Dibromofluoromethane (70-120%)

Surrogate: Toluene-d8 (75-130%)

Surrogate: 4-Bromofluorobenzene (75-120%)

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Linda Eshtelman
Project Manager

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2520 E. Sunset Rd., #3, Las Vegas, NV 89120 (702) 798-3820 FAX (702) 798-3821

Project ID: 24018.004/Air Liquide

Sampled: 11/30/04
Received: 11/30/04

Report Number: PNK0837

Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

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

Analyte Method Batch MDL Reporting Sample Dilution Date Analyzed Qualifiers

Sample ID: PNK0837-17 (CCW-02 - Soil)

Reporting Units: ug/kg

Acetone	EPA 8260B	P4L1007	2400	10000	2400	10.1	11/30/04	12/10/04	E4
Benzene	EPA 8260B	P4L1007	140	500	ND	10.1	11/30/04	12/10/04	
Bromobenzene	EPA 8260B	P4L1007	77	2500	ND	10.1	11/30/04	12/10/04	
Bromochloromethane	EPA 8260B	P4L1007	62	2500	ND	10.1	11/30/04	12/10/04	
Bromodichloromethane	EPA 8260B	P4L1007	92	1000	ND	10.1	11/30/04	12/10/04	
Bromoform	EPA 8260B	P4L1007	83	2500	ND	10.1	11/30/04	12/10/04	
Bromomethane	EPA 8260B	P4L1007	1100	2500	ND	10.1	11/30/04	12/10/04	
n-Butanone (MEK)	EPA 8260B	P4L1007	2400	10000	ND	10.1	11/30/04	12/10/04	
sec-Butylbenzene	EPA 8260B	P4L1007	180	2500	ND	10.1	11/30/04	12/10/04	
tert-Butylbenzene	EPA 8260B	P4L1007	120	2500	ND	10.1	11/30/04	12/10/04	
Carbon Disulfide	EPA 8260B	P4L1007	110	2500	ND	10.1	11/30/04	12/10/04	
Carbon tetrachloride	EPA 8260B	P4L1007	62	2500	ND	10.1	11/30/04	12/10/04	
Chlorobenzene	EPA 8260B	P4L1007	77	500	ND	10.1	11/30/04	12/10/04	
Chloroethane	EPA 8260B	P4L1007	85	2500	ND	10.1	11/30/04	12/10/04	
Chloroform	EPA 8260B	P4L1007	83	1000	ND	10.1	11/30/04	12/10/04	
Chloromethane	EPA 8260B	P4L1007	100	2500	ND	10.1	11/30/04	12/10/04	
2-Chlorotoluene	EPA 8260B	P4L1007	99	2500	ND	10.1	11/30/04	12/10/04	
4-Chlorotoluene	EPA 8260B	P4L1007	86	2500	ND	10.1	11/30/04	12/10/04	
Dibromochloromethane	EPA 8260B	P4L1007	82	1000	ND	10.1	11/30/04	12/10/04	
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L1007	650	2500	ND	10.1	11/30/04	12/10/04	
Dibromomethane	EPA 8260B	P4L1007	77	1600	ND	10.1	11/30/04	12/10/04	
1,2-Dichlorobenzene	EPA 8260B	P4L1007	83	1000	ND	10.1	11/30/04	12/10/04	
1,3-Dichlorobenzene	EPA 8260B	P4L1007	92	1000	ND	10.1	11/30/04	12/10/04	
1,4-Dichlorobenzene	EPA 8260B	P4L1007	80	1000	ND	10.1	11/30/04	12/10/04	
Dichlorodifluoromethane	EPA 8260B	P4L1007	94	1000	ND	10.1	11/30/04	12/10/04	
1,2-Dichloroethane	EPA 8260B	P4L1007	78	500	ND	10.1	11/30/04	12/10/04	
1,1-Dichloroethene	EPA 8260B	P4L1007	75	2500	97000	10.1	11/30/04	12/10/04	
cis-1,2-Dichloroethene	EPA 8260B	P4L1007	110	1000	ND	10.1	11/30/04	12/10/04	
trans-1,2-Dichloroethene	EPA 8260B	P4L1007	110	1000	ND	10.1	11/30/04	12/10/04	
1,2-Dichloropropane	EPA 8260B	P4L1007	73	1000	ND	10.1	11/30/04	12/10/04	
1,3-Dichloropropane	EPA 8260B	P4L1007	84	1000	ND	10.1	11/30/04	12/10/04	
2,2-Dichloropropane	EPA 8260B	P4L1007	130	1000	ND	10.1	11/30/04	12/10/04	
1,1-Dichloropropene	EPA 8260B	P4L1007	69	1000	ND	10.1	11/30/04	12/10/04	
cis-1,3-Dichloropropene	EPA 8260B	P4L1007	170	1000	ND	10.1	11/30/04	12/10/04	
trans-1,3-Dichloropropene	EPA 8260B	P4L1007	80	1000	ND	10.1	11/30/04	12/10/04	
Ethylbenzene	EPA 8260B	P4L1007	80	1000	ND	10.1	11/30/04	12/10/04	
Hexachlorobutadiene	EPA 8260B	P4L1007	770	2500	ND	10.1	11/30/04	12/10/04	
2-Hexanone	EPA 8260B	P4L1007	1300	10000	ND	10.1	11/30/04	12/10/04	
Iodomethane	EPA 8260B	P4L1007	250	2500	ND	10.1	11/30/04	12/10/04	

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Linda Eshtelman
Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Project ID: 24018.004/Air Liquide

Sampled: 11/30/04

Received: 11/30/04

Attention: Amy Wolkovinsky

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date Sampled	Qualifiers
Sample ID: PNK0837-17 (CCW-02 - Soil) - cont.									
Reporting Units: ug/kg									
Isopropylbenzene	EPA 8260B	P4L1007	98	1000	ND	10.1	11/30/04	12/10/04	
p-Isopropyltoluene	EPA 8260B	P4L1007	130	1000	ND	10.1	11/30/04	12/10/04	
Methylene chloride	EPA 8260B	P4L1007	600	5000	1700	10.1	11/30/04	12/10/04	E4
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L1007	1500	10000	ND	10.1	11/30/04	12/10/04	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L1007	130	2500	ND	10.1	11/30/04	12/10/04	
Naphthalene	EPA 8260B	P4L1007	670	2500	ND	10.1	11/30/04	12/10/04	
n-Propylbenzene	EPA 8260B	P4L1007	110	1000	ND	10.1	11/30/04	12/10/04	
Styrene	EPA 8260B	P4L1007	90	1000	ND	10.1	11/30/04	12/10/04	
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L1007	85	2500	ND	10.1	11/30/04	12/10/04	
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L1007	110	1000	ND	10.1	11/30/04	12/10/04	
Trichloroethene	EPA 8260B	P4L1007	89	1000	ND	10.1	11/30/04	12/10/04	
Toluene	EPA 8260B	P4L1007	600	2500	ND	10.1	11/30/04	12/10/04	
1,2,3-Trichlorobenzene	EPA 8260B	P4L1007	300	2500	ND	10.1	11/30/04	12/10/04	
1,2,4-Trichlorobenzene	EPA 8260B	P4L1007	96	1000	330	10.1	11/30/04	12/10/04	E4
1,1,2-Trichloroethane	EPA 8260B	P4L1007	110	1000	ND	10.1	11/30/04	12/10/04	
Trichloroethene	EPA 8260B	P4L1007	78	2500	1100	10.1	11/30/04	12/10/04	E4
Trichlorofluoromethane	EPA 8260B	P4L1007	100	5000	ND	10.1	11/30/04	12/10/04	
1,2,3-Trichloropropane	EPA 8260B	P4L1007	97	1000	420	10.1	11/30/04	12/10/04	E4
1,2,4-Trimethylbenzene	EPA 8260B	P4L1007	100	1000	ND	10.1	11/30/04	12/10/04	
1,3,5-Trimethylbenzene	EPA 8260B	P4L1007	100	12000	ND	10.1	11/30/04	12/10/04	
Vinyl acetate	EPA 8260B	P4L1007	100	2500	460	10.1	11/30/04	12/10/04	E4
Vinyl chloride	EPA 8260B	P4L1007	47	1500	ND	10.1	11/30/04	12/10/04	
Xylenes, Total	EPA 8260B	P4L1007	180	1500	98 %				
Surrogate: Dibromofluoromethane (70-120%)									
Surrogate: Toluene-d8 (75-120%)									
Surrogate: 4-Bromofluorobenzene (75-120%)									
103 %									

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Linda Eshelman
Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Project ID: 24018.004/Air Liquide

Sampled: 11/30/04

Received: 11/30/04

Attention: Amy Wolkovinsky

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Date Sampled	Qualifiers
Sample ID: PNK0837-17RE1 (CCW-02 - Soil) - cont.									
Reporting Units: ug/kg									
1,1-Dichloroethane	EPA 8260B	P4L1301	690	10000	97000	101	11/30/04	12/11/04	
Surrogate: Dibromofluoromethane (70-120%)					106 %				
Surrogate: Toluene-d8 (75-120%)					103 %				
Surrogate: 4-Bromofluorobenzene (75-120%)					103 %				

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-18 (CCW-03 - Soil) - cont.								
Reporting Units: ug/kg								
Iodomethane	EPA 8260B	P4L1007	250	ND	ND	10.6	11/30/04	12/10/04
Isopropylbenzene	EPA 8260B	P4L1007	98	1000	ND	10.6	11/30/04	12/10/04
p-Isopropyltoluene	EPA 8260B	P4L1007	130	1000	ND	10.6	11/30/04	12/10/04
Methylene chloride	EPA 8260B	P4L1007	600	5000	1000	10.6	11/30/04	12/10/04
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L1007	1500	10000	ND	10.6	11/30/04	12/10/04
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L1007	130	2500	ND	10.6	11/30/04	12/10/04
Naphthalene	EPA 8260B	P4L1007	670	2500	ND	10.6	11/30/04	12/10/04
n-Propylbenzene	EPA 8260B	P4L1007	110	1000	ND	10.6	11/30/04	12/10/04
Styrene	EPA 8260B	P4L1007	90	1000	ND	10.6	11/30/04	12/10/04
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L1007	85	2500	ND	10.6	11/30/04	12/10/04
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L1007	110	1000	ND	10.6	11/30/04	12/10/04
Tetrachloroethene	EPA 8260B	P4L1007	110	1000	ND	10.6	11/30/04	12/10/04
Toluene	EPA 8260B	P4L1007	89	1000	ND	10.6	11/30/04	12/10/04
1,2,3-Trichlorobenzene	EPA 8260B	P4L1007	600	2500	ND	10.6	11/30/04	12/10/04
1,2,4-Trichlorobenzene	EPA 8260B	P4L1007	300	2500	ND	10.6	11/30/04	12/10/04
1,1,2-Trichloroethane	EPA 8260B	P4L1007	96	1000	ND	10.6	11/30/04	12/10/04
Trichloroethene	EPA 8260B	P4L1007	110	1000	ND	10.6	11/30/04	12/10/04
Trichlorofluoromethane	EPA 8260B	P4L1007	78	2500	ND	10.6	11/30/04	12/10/04
1,2,3-Trichloropropane	EPA 8260B	P4L1007	100	5000	ND	10.6	11/30/04	12/10/04
1,2,4-Trimethylbenzene	EPA 8260B	P4L1007	97	1000	ND	10.6	11/30/04	12/10/04
1,3,5-Trimethylbenzene	EPA 8260B	P4L1007	100	1000	ND	10.6	11/30/04	12/10/04
Vinyl acetate	EPA 8260B	P4L1007	100	12000	ND	10.6	11/30/04	12/10/04
Vinyl chloride	EPA 8260B	P4L1007	47	2500	ND	10.6	11/30/04	12/10/04
Xylenes, Total	EPA 8260B	P4L1007	180	1500	ND	10.6	11/30/04	12/10/04
Surrogate: Dibromofluoromethane (70-120%)					104 %			
Surrogate: Toluene-d8 (75-120%)					104 %			
Surrogate: 4-Bromofluorobenzene (75-120%)					104 %			

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Linda Eshefman
Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

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

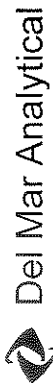
Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-18RE1 (CCW-03 - Soil) - cont.								
Reporting Units: ug/kg								
1,1,1-Trichloroethane	EPA 8260B	P4L1301	620	10000	430000	106	11/30/04	12/11/04
Surrogate: Dibromofluoromethane (70-120%)					98 %			
Surrogate: Toluene-d8 (75-120%)					103 %			
Surrogate: 4-Bromofluorobenzene (75-120%)					100 %			

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Linda Eshefman
Project Manager

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2520 E. Sunset Rd., Las Vegas, NV 89120 (702) 786-3620 FAX (702) 786-3621



Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

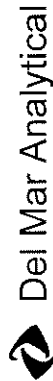
VOLATILE ORGANICS BY GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-19 (H-EX6-4.0 - Soil)								
Reporting Units: ug/kg								
Acetone	EPA 8260B	P4L1007	2400	10000	2900	10	11/30/04 12/10/04	E4
Benzene	EPA 8260B	P4L1007	140	500	ND	10	11/30/04 12/10/04	
Bromobenzene	EPA 8260B	P4L1007	77	2500	ND	10	11/30/04 12/10/04	
Bromochloromethane	EPA 8260B	P4L1007	62	2500	ND	10	11/30/04 12/10/04	
Bromodichloromethane	EPA 8260B	P4L1007	92	1000	ND	10	11/30/04 12/10/04	
Bromofluoromethane	EPA 8260B	P4L1007	83	2500	ND	10	11/30/04 12/10/04	
Bromomethane	EPA 8260B	P4L1007	1100	2500	ND	10	11/30/04 12/10/04	
2-Butanone (MEK)	EPA 8260B	P4L1007	2400	10000	ND	10	11/30/04 12/10/04	
n-Butylbenzene	EPA 8260B	P4L1007	180	2500	ND	10	11/30/04 12/10/04	
sec-Butylbenzene	EPA 8260B	P4L1007	120	2500	ND	10	11/30/04 12/10/04	
tert-Butylbenzene	EPA 8260B	P4L1007	110	2500	ND	10	11/30/04 12/10/04	
Carbon Disulfide	EPA 8260B	P4L1007	80	5000	ND	10	11/30/04 12/10/04	
Carbon tetrachloride	EPA 8260B	P4L1007	62	2500	ND	10	11/30/04 12/10/04	
Chlorobenzene	EPA 8260B	P4L1007	77	500	ND	10	11/30/04 12/10/04	
Chloroethane	EPA 8260B	P4L1007	85	2500	ND	10	11/30/04 12/10/04	
Chloroform	EPA 8260B	P4L1007	83	1000	ND	10	11/30/04 12/10/04	
Chloromethane	EPA 8260B	P4L1007	100	2500	ND	10	11/30/04 12/10/04	
2-Chlorotoluene	EPA 8260B	P4L1007	99	2500	ND	10	11/30/04 12/10/04	
4-Chlorotoluene	EPA 8260B	P4L1007	86	2500	ND	10	11/30/04 12/10/04	
Dibromochloromethane	EPA 8260B	P4L1007	82	1000	ND	10	11/30/04 12/10/04	
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L1007	650	2500	ND	10	11/30/04 12/10/04	
1,2-Dibromomethane (EDB)	EPA 8260B	P4L1007	77	1000	ND	10	11/30/04 12/10/04	
Dibromomethane	EPA 8260B	P4L1007	83	1000	ND	10	11/30/04 12/10/04	
1,2-Dichlorobenzene	EPA 8260B	P4L1007	92	1000	ND	10	11/30/04 12/10/04	
1,3-Dichlorobenzene	EPA 8260B	P4L1007	80	1000	ND	10	11/30/04 12/10/04	
1,4-Dichlorobenzene	EPA 8260B	P4L1007	94	1000	ND	10	11/30/04 12/10/04	
Dichlorodifluoromethane	EPA 8260B	P4L1007	110	2500	ND	10	11/30/04 12/10/04	
1,2-Dichloroethane	EPA 8260B	P4L1007	78	500	520	10	11/30/04 12/10/04	
cis-1,2-Dichloroethene	EPA 8260B	P4L1007	110	1000	ND	10	11/30/04 12/10/04	
trans-1,2-Dichloroethene	EPA 8260B	P4L1007	110	1000	ND	10	11/30/04 12/10/04	
1,2-Dichloropropane	EPA 8260B	P4L1007	73	1000	ND	10	11/30/04 12/10/04	
1,3-Dichloropropane	EPA 8260B	P4L1007	84	1000	ND	10	11/30/04 12/10/04	
2,2-Dichloropropane	EPA 8260B	P4L1007	130	1000	ND	10	11/30/04 12/10/04	
1,1-Dichloropropene	EPA 8260B	P4L1007	69	1000	ND	10	11/30/04 12/10/04	
cis-1,3-Dichloropropene	EPA 8260B	P4L1007	170	1000	ND	10	11/30/04 12/10/04	
trans-1,3-Dichloropropene	EPA 8260B	P4L1007	80	1000	ND	10	11/30/04 12/10/04	
Ethylbenzene	EPA 8260B	P4L1007	80	1000	310	10	11/30/04 12/10/04	E4
Hexachlorobutadiene	EPA 8260B	P4L1007	770	2500	ND	10	11/30/04 12/10/04	
2-Hexanone	EPA 8260B	P4L1007	1300	10000	ND	10	11/30/04 12/10/04	
Isopropylbenzene	EPA 8260B	P4L1007	98	1000	ND	10	11/30/04 12/10/04	
p-Isopropyltoluene	EPA 8260B	P4L1007	130	1000	490	10	11/30/04 12/10/04	E4

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-19 (H-EX6-4.0 - Soil) - cont.								
Reporting Units: ug/kg								
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L1007	1500	10000	ND	10	11/30/04 12/10/04	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L1007	130	2500	ND	10	11/30/04 12/10/04	
Naphthalene	EPA 8260B	P4L1007	670	2500	ND	10	11/30/04 12/10/04	
n-Propylbenzene	EPA 8260B	P4L1007	110	1000	ND	10	11/30/04 12/10/04	
Styrene	EPA 8260B	P4L1007	90	1000	ND	10	11/30/04 12/10/04	
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L1007	85	2500	ND	10	11/30/04 12/10/04	
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L1007	110	1000	ND	10	11/30/04 12/10/04	
Tetrachloroethene	EPA 8260B	P4L1007	110	1000	600	10	11/30/04 12/10/04	E4
Toluene	EPA 8260B	P4L1007	89	1000	390	10	11/30/04 12/10/04	E4
1,2,3-Trichlorobenzene	EPA 8260B	P4L1007	600	2500	ND	10	11/30/04 12/10/04	
1,2,4-Trichlorobenzene	EPA 8260B	P4L1007	300	2500	ND	10	11/30/04 12/10/04	
1,1,2-Trichloroethane	EPA 8260B	P4L1007	96	1000	ND	10	11/30/04 12/10/04	
Trichloroethene	EPA 8260B	P4L1007	110	1000	5600	10	11/30/04 12/10/04	
Trichlorofluoromethane	EPA 8260B	P4L1007	78	2500	13000	10	11/30/04 12/10/04	
1,2,3-Trichloropropane	EPA 8260B	P4L1007	100	5000	ND	10	11/30/04 12/10/04	
1,2,4-Trimethylbenzene	EPA 8260B	P4L1007	97	1000	840	10	11/30/04 12/10/04	
1,3,5-Trimethylbenzene	EPA 8260B	P4L1007	100	1000	ND	10	11/30/04 12/10/04	
Vinyl acetate	EPA 8260B	P4L1007	100	12000	ND	10	11/30/04 12/10/04	
Vinyl chloride	EPA 8260B	P4L1007	47	2500	ND	10	11/30/04 12/10/04	
Xylenes, Total	EPA 8260B	P4L1007	180	1500	1200	10	11/30/04 12/10/04	
Surrogate: Dibromofluoromethane (70-120%)								
Surrogate: Toluene-d8 (75-120%)								
Surrogate: 4-Bromofluorobenzene (75-120%)								

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Attention: Amy Volkovinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

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

Analyte	Method	Batch	Limit	Reporting Limit	Result	Factor	Extracted	Analyzed	Qualifiers
Sample ID: PNK0837-19RE1 (H-EX6-4.0 - Soil) - cont.									
Reporting Units: ug/kg									
1,1-Dichloroethane	EPA 8260B	P4L1301	690	10000	120000	100	11/30/04	12/11/04	
1,1-Dichloroethene	EPA 8260B	P4L1301	750	25000	160000	100	11/30/04	12/11/04	
Iodomethane	EPA 8260B	P4L1301	2500	25000	ND	100	11/30/04	12/11/04	D2
Methylene chloride	EPA 8260B	P4L1301	6000	50000	41000	100	11/30/04	12/11/04	E4
Surrogate: Dibromofluoromethane (75-120%)					105 %				
Surrogate: Toluene-d8 (75-120%)					102 %				
Surrogate: 4-Bromofluorobenzene (75-120%)					104 %				

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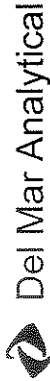
VOLATILE ORGANICS BY GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	MDL		Sample Result	Dilution	Date	Data
			Limit	Factor				
Sample ID: PNK0837-19RE2 (H-EX6-4.0 - Soil) - cont.								
Reporting Units: ug/kg								
1,1,1-Trichloroethane	EPA 8260B	P4L1424	62000	1000000	9400000	10000	11/30/04	12/14/04
Surrogate: Dibromofluoromethane (70-120%)					91 %			
Surrogate: Toluene-d8 (75-120%)					106 %			
Surrogate: 4-Bromofluorobenzene (75-120%)					102 %			

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Basin & Range Hydrogeologists

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Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

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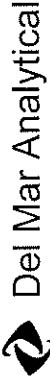
VOLATILE ORGANICS BY GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution	Date	Analized	Qualifiers
Sample ID: PNK0837-20 (G-EX7-6.0 - Soil)									
Reporting Units: ug/kg									
Acetone	EPA 8260B	P4L1007	240	1000	ND	1.02	11/30/04	12/10/04	
Benzene	EPA 8260B	P4L1007	14	50	ND	1.02	11/30/04	12/10/04	
Bromobenzene	EPA 8260B	P4L1007	7.7	250	ND	1.02	11/30/04	12/10/04	
Bromochloromethane	EPA 8260B	P4L1007	6.2	250	ND	1.02	11/30/04	12/10/04	
Bromodichloromethane	EPA 8260B	P4L1007	9.2	100	ND	1.02	11/30/04	12/10/04	
Bromoform	EPA 8260B	P4L1007	8.3	250	ND	1.02	11/30/04	12/10/04	
Bromomethane	EPA 8260B	P4L1007	110	250	ND	1.02	11/30/04	12/10/04	
2-Butanone (MEK)	EPA 8260B	P4L1007	240	1000	ND	1.02	11/30/04	12/10/04	
n-Butylbenzene	EPA 8260B	P4L1007	18	250	ND	1.02	11/30/04	12/10/04	
sec-Butylbenzene	EPA 8260B	P4L1007	12	250	ND	1.02	11/30/04	12/10/04	
tert-Butylbenzene	EPA 8260B	P4L1007	11	250	ND	1.02	11/30/04	12/10/04	
Carbon Disulfide	EPA 8260B	P4L1007	8.0	500	ND	1.02	11/30/04	12/10/04	
Carbon tetrachloride	EPA 8260B	P4L1007	6.2	250	ND	1.02	11/30/04	12/10/04	
Chlorobenzene	EPA 8260B	P4L1007	7.7	50	ND	1.02	11/30/04	12/10/04	
Chloroethane	EPA 8260B	P4L1007	8.5	250	ND	1.02	11/30/04	12/10/04	
Chloroform	EPA 8260B	P4L1007	8.3	100	ND	1.02	11/30/04	12/10/04	
Chloromethane	EPA 8260B	P4L1007	10	250	ND	1.02	11/30/04	12/10/04	
2-Chlorotoluene	EPA 8260B	P4L1007	9.9	250	ND	1.02	11/30/04	12/10/04	
4-Chlorotoluene	EPA 8260B	P4L1007	8.6	250	ND	1.02	11/30/04	12/10/04	
Dibromochloromethane	EPA 8260B	P4L1007	8.2	100	ND	1.02	11/30/04	12/10/04	
1,2-Dibromo-3-chloropropane	EPA 8260B	P4L1007	65	250	ND	1.02	11/30/04	12/10/04	
1,2-Dibromomethane (EDB)	EPA 8260B	P4L1007	7.7	100	ND	1.02	11/30/04	12/10/04	
Dibromomethane	EPA 8260B	P4L1007	8.3	100	ND	1.02	11/30/04	12/10/04	
1,2-Dichlorobenzene	EPA 8260B	P4L1007	9.2	100	ND	1.02	11/30/04	12/10/04	
1,3-Dichlorobenzene	EPA 8260B	P4L1007	8.0	100	ND	1.02	11/30/04	12/10/04	
1,4-Dichlorobenzene	EPA 8260B	P4L1007	9.4	100	ND	1.02	11/30/04	12/10/04	
Dichlorodifluoromethane	EPA 8260B	P4L1007	11	250	ND	1.02	11/30/04	12/10/04	
1,1-Dichloroethane	EPA 8260B	P4L1007	6.9	100	750	1.02	11/30/04	12/10/04	
1,2-Dichloroethane	EPA 8260B	P4L1007	7.8	50	ND	1.02	11/30/04	12/10/04	
1,1-Dichloroethene	EPA 8260B	P4L1007	7.5	250	120	1.02	11/30/04	12/10/04	
cis-1,2-Dichloroethene	EPA 8260B	P4L1007	11	100	ND	1.02	11/30/04	12/10/04	
trans-1,2-Dichloroethene	EPA 8260B	P4L1007	11	100	ND	1.02	11/30/04	12/10/04	
1,2-Dichloropropane	EPA 8260B	P4L1007	7.3	100	ND	1.02	11/30/04	12/10/04	
1,3-Dichloropropane	EPA 8260B	P4L1007	8.4	100	ND	1.02	11/30/04	12/10/04	
2,2-Dichloropropane	EPA 8260B	P4L1007	13	100	ND	1.02	11/30/04	12/10/04	
1,1-Dichloropropene	EPA 8260B	P4L1007	6.9	100	ND	1.02	11/30/04	12/10/04	
cis-1,3-Dichloropropene	EPA 8260B	P4L1007	17	100	ND	1.02	11/30/04	12/10/04	
trans-1,3-Dichloropropene	EPA 8260B	P4L1007	8.0	100	ND	1.02	11/30/04	12/10/04	
Ethylbenzene	EPA 8260B	P4L1007	8.0	100	ND	1.02	11/30/04	12/10/04	
Hexachlorobutadiene	EPA 8260B	P4L1007	77	250	ND	1.02	11/30/04	12/10/04	
2-Hexanone	EPA 8260B	P4L1007	130	1000	ND	1.02	11/30/04	12/10/04	

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

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

Analyte	Method	Batch	MDL	Reporting Limit	Sample Result	Dilution	Date	Analized	Qualifiers
Sample ID: PNK0837-20 (G-EX7-6.0 - Soil) - cont.									
Reporting Units: ug/kg									
Iodomethane	EPA 8260B	P4L1007	25	250	ND	1.02	11/30/04	12/10/04	
Isopropylbenzene	EPA 8260B	P4L1007	9.8	100	ND	1.02	11/30/04	12/10/04	
p-Isopropyltoluene	EPA 8260B	P4L1007	13	100	ND	1.02	11/30/04	12/10/04	
Methylene chloride	EPA 8260B	P4L1007	60	500	87	1.02	11/30/04	12/10/04	E4
4-Methyl-2-pentanone (MIBK)	EPA 8260B	P4L1007	150	1000	ND	1.02	11/30/04	12/10/04	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	P4L1007	13	250	ND	1.02	11/30/04	12/10/04	
Naphthalene	EPA 8260B	P4L1007	67	250	ND	1.02	11/30/04	12/10/04	
n-Propylbenzene	EPA 8260B	P4L1007	11	100	ND	1.02	11/30/04	12/10/04	
Styrene	EPA 8260B	P4L1007	9.0	100	ND	1.02	11/30/04	12/10/04	
1,1,1,2-Tetrachloroethane	EPA 8260B	P4L1007	8.5	250	ND	1.02	11/30/04	12/10/04	
1,1,2,2-Tetrachloroethane	EPA 8260B	P4L1007	11	100	ND	1.02	11/30/04	12/10/04	
Tetrachloroethene	EPA 8260B	P4L1007	11	100	ND	1.02	11/30/04	12/10/04	
Toluene	EPA 8260B	P4L1007	8.9	100	ND	1.02	11/30/04	12/10/04	
1,2,3-Trichlorobenzene	EPA 8260B	P4L1007	60	250	ND	1.02	11/30/04	12/10/04	
1,2,4-Trichlorobenzene	EPA 8260B	P4L1007	30	250	ND	1.02	11/30/04	12/10/04	
1,1,1-Trichloroethane	EPA 8260B	P4L1007	6.2	100	9600	1.02	11/30/04	12/10/04	M3
1,1,2-Trichloroethane	EPA 8260B	P4L1007	9.6	100	ND	1.02	11/30/04	12/10/04	
Trichloroethene	EPA 8260B	P4L1007	11	100	ND	1.02	11/30/04	12/10/04	
Trichlorofluoromethane	EPA 8260B	P4L1007	7.8	250	ND	1.02	11/30/04	12/10/04	
1,2,3-Trichloropropane	EPA 8260B	P4L1007	10	500	ND	1.02	11/30/04	12/10/04	
1,2,4-Trimethylbenzene	EPA 8260B	P4L1007	9.7	100	ND	1.02	11/30/04	12/10/04	
1,3,5-Trimethylbenzene	EPA 8260B	P4L1007	10	1200	ND	1.02	11/30/04	12/10/04	
Vinyl acetate	EPA 8260B	P4L1007	10	1200	ND	1.02	11/30/04	12/10/04	
Vinyl chloride	EPA 8260B	P4L1007	4.7	250	ND	1.02	11/30/04	12/10/04	
Xylenes, Total	EPA 8260B	P4L1007	18	150	ND	1.02	11/30/04	12/10/04	
Surrogate: Dibromofluoromethane (70-120%)					101 %				
Surrogate: Toluene-d8 (75-120%)					103 %				
Surrogate: 4-Bromofluorobenzene (75-120%)					104 %				

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Linda Eshelman
Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

1,4-DIOXANE BY GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-03 (CTD-01 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1315	N/A	840	ND	8.37	11/30/04 12/11/04
Surrogate: Dibromofluoromethane (80-125%)					100 %		
Sample ID: PNK0837-04 (CTD-02 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1315	N/A	100	ND	1.02	11/30/04 12/11/04
Surrogate: Dibromofluoromethane (80-125%)					91 %		
Sample ID: PNK0837-05 (WGT-01 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1315	N/A	100	ND	0.952	11/30/04 12/11/04
Surrogate: Dibromofluoromethane (80-125%)					128 %		S4
Sample ID: PNK0837-06 (SGT-01 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1315	N/A	2000	4600	20.1	11/30/04 12/12/04
Surrogate: Dibromofluoromethane (80-125%)					81 %		
Sample ID: PNK0837-07 (WGT-02 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1404	N/A	1000	ND	10.1	11/30/04 12/13/04
Surrogate: Dibromofluoromethane (70-130%)					84 %		
Sample ID: PNK0837-08 (SGT-02 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1319	N/A	10000	37000	102	11/30/04 12/14/04
Surrogate: Dibromofluoromethane (70-130%)					91 %		
Sample ID: PNK0837-09 (D-EX1-4.0 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1315	N/A	1000	4300	10.2	11/30/04 12/11/04
Surrogate: Dibromofluoromethane (80-125%)					101 %		
Sample ID: PNK0837-10 (H-EX2-4.0 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1315	N/A	840	1600	8.44	11/30/04 12/11/04
Surrogate: Dibromofluoromethane (80-125%)					101 %		

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Basin & Range Hydrogeologists

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Scottsdale, AZ 85251

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

1,4-DIOXANE BY GC/MS (EPA 5035/8260B)

Analyte	Method	Batch	MDL Limit	Reporting Sample Result	Dilution Factor	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-11 (C-EX3-5.75 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1315	N/A	100	ND	1.1	11/30/04 12/11/04
Surrogate: Dibromofluoromethane (80-125%)					203 %		S4
Sample ID: PNK0837-12 (G-EX4-5.75 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1315	N/A	100	ND	1.01	11/30/04 12/11/04
Surrogate: Dibromofluoromethane (80-125%)					184 %		S4
Sample ID: PNK0837-13 (G-EX4-5.75D - Soil)							
1,4-Dioxane	EPA 8260B	P4L1315	N/A	100	ND	1.02	11/30/04 12/11/04
Surrogate: Dibromofluoromethane (80-125%)					156 %		S4
Sample ID: PNK0837-14 (C-EX5-5.75 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1315	N/A	100	ND	1.05	11/30/04 12/11/04
Surrogate: Dibromofluoromethane (80-125%)					143 %		S4
Sample ID: PNK0837-16 (CCW-01 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1404	N/A	100	330	1.06	11/30/04 12/13/04
Surrogate: Dibromofluoromethane (70-130%)					93 %		
Sample ID: PNK0837-17 (CCW-02 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1315	N/A	1000	4300	10.1	11/30/04 12/11/04
Surrogate: Dibromofluoromethane (80-125%)					85 %		
Sample ID: PNK0837-18 (CCW-03 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1315	N/A	1000	1800	10.6	11/30/04 12/11/04
Surrogate: Dibromofluoromethane (80-125%)					90 %		
Sample ID: PNK0837-19 (H-EX6-4.0 - Soil)							
1,4-Dioxane	EPA 8260B	P4L1315	N/A	1000	2900	10	11/30/04 12/11/04
Surrogate: Dibromofluoromethane (80-125%)					86 %		

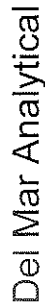
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Scottsdale, AZ 85251

Received: 11/30/04

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Sampled: 11/30/04

TOTAL METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-07 (WGT-02 - Soil)									
Reporting Units: mg/kg									
Arsenic	EPA 6010B	P4L0320	N/A	5.0	19	1	12/03/04	12/08/04	
Barium	EPA 6010B	P4L0320	N/A	1.0	240	1	12/03/04	12/08/04	
Cadmium	EPA 6010B	P4L0320	N/A	0.50	7.7	1	12/03/04	12/08/04	
Chromium	EPA 6010B	P4L0320	N/A	1.0	1700	1	12/03/04	12/08/04	
Lead	EPA 6010B	P4L0320	N/A	5.0	240	1	12/03/04	12/08/04	
Mercury	EPA 7471A	P4L0721	N/A	0.020	0.60	1	12/07/04	12/08/04	
Selenium	EPA 6010B	P4L0320	N/A	5.0	ND	1	12/03/04	12/08/04	
Silver	EPA 6010B	P4L0320	N/A	0.50	1.6	1	12/03/04	12/08/04	

Reporting Units: mg/kg

	PAL0370	N/A	5.0	8.2	1	12/03/04	12/08/04
Arsenic	EPA 6010B	PAL0370	N/A	5.0	8.2	1	12/03/04
Barium	EPA 6010B	PAL0370	N/A	1.0	150	1	12/03/04
Cadmium	EPA 6010B	PAL0370	N/A	0.50	2.1	1	12/03/04
Chromium	EPA 6010B	PAL0370	N/A	1.0	66	1	12/03/04
Lead	EPA 6010B	PAL0370	N/A	5.0	50	1	12/03/04
Merccury	EPA 7471A	PAL0721	N/A	0.020	0.042	1	12/07/04
Selenium	EPA 6010B	PAL0370	N/A	10	ND	2	12/09/04
Silver	EPA 6010B	PAL0370	N/A	0.50	0.59	1	12/03/04

Reporting Units: mg/kg

EPA 60103
 EPA 6010B
 EPA 6010B
 EPA 6010B
 EPA 6010B
 EPA 7471A
 EPA 6010B
 EPA 6010B

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Scottsdale, AZ 85251
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INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Result	Dilution Factor	Date Analyzed	Qualifiers
Sample ID: PNK0837-07 (WGT-02 - Soil)							
Reporting Units: U/N							
Ignitability	SW-846 7.1.2	P4L0824	N/A	NA	Not Ignitable	12/08/04	12/08/04
Sample ID: PNK0837-07 (WGT-02 - Soil)							
Reporting Units: pH Units							
pH	EPA 9045C	P4L1016	N/A	NA	6.89	12/09/04	12/09/04
Temp. at time of pH Analysis (°C)	EPA 9045C	P4L1016	N/A	NA	20.3	12/09/04	12/09/04

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/82/70)

Analyte	Method	Batch	MDL Limit	Reporting Result	Dilution Factor	Date Analyzed	Qualifiers
Sample ID: PNK0837-10 (IH-EX2-4.0 - Soil)							
Reporting Units: ug/kg							
Acenaphthene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Acenaphthylene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Anthracene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Benzoic acid	EPA 8270C	4L03031	N/A	8300	ND	12/03/04	12/09/04
Benzo(a)anthracene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Benzo(b)fluoranthene	EPA 8270C	4L03031	N/A	3000	ND	12/03/04	12/09/04
Benzo(g,h,i)perylene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Benzo(a)pyrene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Benzyl alcohol	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Bis(2-chloroethoxy)methane	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Bis(2-chloroethyl)ether	EPA 8270C	4L03031	N/A	1700	ND	12/03/04	12/09/04
Bis(2-chloroisopropyl)ether	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Bis(2-ethylhexyl)phthalate	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
4-Bromophenyl phenyl ether	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Butyl benzyl phthalate	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
4-Chloroaniline	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
2-Chloronaphthalene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
4-Chloro-3-methylphenol	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
2-Chlorophenol	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
4-Chlorophenyl phenyl ether	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Chrysene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Dibenz(a,h)anthracene	EPA 8270C	4L03031	N/A	4200	ND	12/03/04	12/09/04
Dibenzofuran	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Di-n-butyl phthalate	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
1,3-Dichlorobenzene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
1,4-Dichlorobenzene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
1,2-Dichlorobenzene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
3,3-Dichlorobenzidine	EPA 8270C	4L03031	N/A	8300	ND	12/03/04	12/09/04
2,4-Dichlorophenol	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Diethyl phthalate	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
2,4-Dimethylphenol	EPA 8270C	4L03031	N/A	3300	62000	12/03/04	12/09/04
Dimethyl phthalate	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
4,6-Dinitro-2-methylphenol	EPA 8270C	4L03031	N/A	4200	ND	12/03/04	12/09/04
2,4-Dinitrophenol	EPA 8270C	4L03031	N/A	6600	ND	12/03/04	12/09/04
2,6-Dinitrotoluene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
2,6-Dinitrofluorene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Di-n-octyl phthalate	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Fluoranthene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Fluorene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04
Hexachlorobenzene	EPA 8270C	4L03031	N/A	3300	ND	12/03/04	12/09/04

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

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Extraction Date	Date Analyzed	Data Qualifiers
Sample ID: PNK0837-10 (H-EX2-4.0 - Soil) - cont.									
Reporting Units: ug/kg									
Hexachlorobutadiene	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
Hexachlorocyclopentadiene	EPA 8270C	4L03031	N/A	8300	ND	10	12/03/04	12/09/04	
Hexachloroethane	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
Indenol (1,2,3-cd)pyrene	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
Isophorone	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
2-Methylbiphenyl	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
2-Methylphenol	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
4-Methylphenol	EPA 8270C	4L03031	N/A	3300	16000	10	12/03/04	12/09/04	
Naphthalene	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
Nitrobenzene	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
2-Nitrophenol	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
4-Nitrophenol	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
N-Nitrosodiphenylamine	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
N-Nitroso-di-n-propylamine	EPA 8270C	4L03031	N/A	2500	ND	10	12/03/04	12/09/04	
Pentachlorophenol	EPA 8270C	4L03031	N/A	8300	ND	10	12/03/04	12/09/04	
Phenanthrene	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
Phenol	EPA 8270C	4L03031	N/A	3300	31000	10	12/03/04	12/09/04	
Pyrene	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
1,2,4-Trichlorobenzene	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
2,4,6-Trichlorophenol	EPA 8270C	4L03031	N/A	3300	ND	10	12/03/04	12/09/04	
Surrogate: 2-Fluorophenol (25-120%)					14 %				S12
Surrogate: Phenol-d6 (35-120%)					3 %				S12
Surrogate: 2,4,6-Tribromophenol (40-125%)					11 %				S12
Surrogate: Nitrobenzene-d5 (30-120%)					*				S12
Surrogate: 2-Fluorobiphenyl (35-120%)					*				S12
Surrogate: Terphenyl-d14 (40-150%)					75 %				

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SHORT HOLD TIME DETAIL REPORT

Sample ID:	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: Methanol Blank (PNK0837-02) - Soil					
EPA 8260B	2	11/30/2004 08:00	11/30/2004 17:41	11/30/2004 08:00	12/07/2004 11:58
Sample ID: CTD-01 (PNK0837-03) - Soil					
EPA 8260B	2	11/30/2004 07:40	11/30/2004 17:41	11/30/2004 07:40	12/07/2004 12:38
Sample ID: CTD-02 (PNK0837-04) - Soil					
EPA 8260B	2	11/30/2004 07:50	11/30/2004 17:41	11/30/2004 07:50	12/07/2004 13:10
Sample ID: WGT-01 (PNK0837-05) - Soil					
EPA 8260B	2	11/30/2004 08:05	11/30/2004 17:41	11/30/2004 08:05	12/07/2004 14:43
Sample ID: SGT-01 (PNK0837-06) - Soil					
EPA 8260B	2	11/30/2004 08:15	11/30/2004 17:41	11/30/2004 08:15	12/07/2004 15:14
Sample ID: WGT-02 (PNK0837-07) - Soil					
ADHS 8015AZR1	2	11/30/2004 08:40	11/30/2004 17:41	12/01/2004 11:30	12/06/2004 15:50
EPA 9945C	2	11/30/2004 08:40	11/30/2004 17:41	11/30/2004 08:40	12/07/2004 15:44
Sample ID: SGT-02 (PNK0837-08) - Soil					
ADHS 8015AZR1	2	11/30/2004 09:50	11/30/2004 17:41	12/01/2004 11:30	12/07/2004 12:16
EPA 8260B	2	11/30/2004 09:50	11/30/2004 17:41	11/30/2004 09:50	12/10/2004 14:06
Sample ID: SGT-02 (PNK0837-08RE1) - Soil					
EPA 8260B	2	11/30/2004 09:50	11/30/2004 17:41	11/30/2004 09:50	12/11/2004 14:02
Sample ID: SGT-02 (PNK0837-08RE2) - Soil					
EPA 8260B	2	11/30/2004 09:50	11/30/2004 17:41	11/30/2004 09:50	12/13/2004 18:52
Sample ID: D-EX1-4.0 (PNK0837-09) - Soil					
EPA 8260B	2	11/30/2004 10:40	11/30/2004 17:41	11/30/2004 10:40	12/07/2004 16:46
Sample ID: D-EX1-4.0 (PNK0837-09RE1) - Soil					
EPA 8260B	2	11/30/2004 10:40	11/30/2004 17:41	11/30/2004 10:40	12/10/2004 14:37
Sample ID: D-EX1-4.0 (PNK0837-09RE2) - Soil					
EPA 8260B	2	11/30/2004 10:40	11/30/2004 17:41	11/30/2004 10:40	12/11/2004 14:34
Sample ID: H-EX2-4.0 (PNK0837-10) - Soil					
ADHS 8015AZR1	2	11/30/2004 11:35	11/30/2004 17:41	12/01/2004 11:30	12/07/2004 13:46
EPA 8260B	2	11/30/2004 11:35	11/30/2004 17:41	11/30/2004 11:35	12/07/2004 17:17
Sample ID: H-EX2-4.0 (PNK0837-10RE1) - Soil					
EPA 8260B	2	11/30/2004 11:35	11/30/2004 17:41	11/30/2004 11:35	12/10/2004 15:09
Sample ID: H-EX2-4.0 (PNK0837-10RE2) - Soil					
EPA 8260B	2	11/30/2004 11:35	11/30/2004 17:41	11/30/2004 11:35	12/13/2004 19:23
Sample ID: C-EX3-5.75 (PNK0837-11) - Soil					
EPA 8260B	2	11/30/2004 12:00	11/30/2004 17:41	11/30/2004 12:00	12/07/2004 17:48
Sample ID: G-EX4-5.75 (PNK0837-12) - Soil					
EPA 8260B	2	11/30/2004 12:10	11/30/2004 17:41	11/30/2004 12:10	12/07/2004 18:19
Sample ID: G-EX4-5.75D (PNK0837-13) - Soil					
EPA 8260B	2	11/30/2004 12:15	11/30/2004 17:41	11/30/2004 12:15	12/07/2004 18:50
Sample ID: C-EX5-5.75 (PNK0837-14) - Soil					
EPA 8260B	2	11/30/2004 12:55	11/30/2004 17:41	11/30/2004 12:55	12/07/2004 19:21
Sample ID: CCW-01 (PNK0837-16) - Soil					

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
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Attention: Amy Wolkowfsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

SHORT HOLD TIME DETAIL REPORT

Sample ID	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: CCW-01 (PNK0837-16) - Soil	2	11/30/2004 14:10	11/30/2004 17:41	11/30/2004 14:10	12/07/2004 19:52
EPA 8260B					
Sample ID: CCW-02 (PNK0837-17) - Soil	2	11/30/2004 14:20	11/30/2004 17:41	11/30/2004 14:20	12/10/2004 17:15
EPA 8260B					
Sample ID: CCW-02 (PNK0837-17RE1) - Soil	2	11/30/2004 14:20	11/30/2004 17:41	11/30/2004 14:20	12/11/2004 15:05
EPA 8260B					
Sample ID: CCW-02 (PNK0837-17RE2) - Soil	2	11/30/2004 14:20	11/30/2004 17:41	11/30/2004 14:20	12/14/2004 11:30
EPA 8260B					
Sample ID: CCW-03 (PNK0837-18) - Soil	2	11/30/2004 14:30	11/30/2004 17:41	11/30/2004 14:30	12/10/2004 17:47
EPA 8260B					
Sample ID: CCW-03 (PNK0837-18RE1) - Soil	2	11/30/2004 14:30	11/30/2004 17:41	11/30/2004 14:30	12/11/2004 15:37
EPA 8260B					
Sample ID: H-EX6-4.0 (PNK0837-19) - Soil	2	11/30/2004 15:05	11/30/2004 17:41	11/30/2004 15:05	12/10/2004 18:18
EPA 8260B					
Sample ID: H-EX6-4.0 (PNK0837-19RE1) - Soil	2	11/30/2004 15:05	11/30/2004 17:41	11/30/2004 15:05	12/11/2004 16:08
EPA 8260B					
Sample ID: H-EX6-4.0 (PNK0837-19RE2) - Soil	2	11/30/2004 15:05	11/30/2004 17:41	11/30/2004 15:05	12/14/2004 15:09
EPA 8260B					
Sample ID: G-EX7-6.0 (PNK0837-20) - Soil	2	11/30/2004 15:25	11/30/2004 17:41	11/30/2004 15:25	12/10/2004 15:40
EPA 8260B					

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Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (ADHS 8015AZR1)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD Limits	RPD	Data Qualifiers
Batch: P4L0604 Extracted: 12/06/04										
Blank Analyzed: 12/09/2004 (P4L0604-BLK1)										
DRO (C10-C22)	ND	30	N/A	mg/kg						
ORO (C22-C32)	ND	100	N/A	mg/kg						
Total (C10-C32)	ND	130	N/A	mg/kg						
Surrigate: n-Decosane	95.5			mg/kg	100		94	70-130		
LCS Analyzed: 12/09/2004 (P4L0604-BS1)										
DRO (C10-C22)	222	30	N/A	mg/kg	250		89	70-130		
ORO (C22-C32)	247	100	N/A	mg/kg	250		99	70-130		
Surrigate: n-Decosane	96.7			mg/kg	100		97	70-130		
LCS Dup Analyzed: 12/09/2004 (P4L0604-BSD1)										
DRO (C10-C22)	240	30	N/A	mg/kg	250		96	70-130	8	5
ORO (C22-C32)	266	100	N/A	mg/kg	250		106	70-130	7	10
Surrigate: n-Decosane	100			mg/kg	100		100	70-130		
Matrix Spike Analyzed: 12/10/2004 (P4L0604-MS1)										
DRO (C10-C22)	233	30	N/A	mg/kg	250	ND	ND	70-130		
ORO (C22-C32)	253	100	N/A	mg/kg	250	ND	ND	70-130		
Surrigate: n-Decosane	95.8			mg/kg	100		96	70-130		
Matrix Spike Dup Analyzed: 12/10/2004 (P4L0604-MSD1)										
DRO (C10-C22)	263	30	N/A	mg/kg	250	ND	ND	70-130	12	20
ORO (C22-C32)	289	100	N/A	mg/kg	250	ND	ND	70-130	13	25
Surrigate: n-Decosane	103			mg/kg	100		103	70-130		

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Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS (ADHS 8015AZR1)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD Limits	RPD	Data Qualifiers
Batch: P4L0109 Extracted: 12/01/04										
Blank Analyzed: 12/01/2004 (P4L0109-BLK1)										
Volatile Fuel Hydrocarbons	ND	20	N/A	mg/kg						
Surrigate: 4-BFB (FID)	4.13			mg/kg	4.00		103	70-130		
LCS Analyzed: 12/01/2004 (P4L0109-BS1)										
Volatile Fuel Hydrocarbons	20.4	20	N/A	mg/kg	25.0		82	70-130		
Surrigate: 4-BFB (FID)	4.30			mg/kg	4.00		108	70-130		
LCS Dup Analyzed: 12/01/2004 (P4L0109-BSD1)										
Volatile Fuel Hydrocarbons	20.4	20	N/A	mg/kg	25.0		82	70-130	0	35
Surrigate: 4-BFB (FID)	4.28			mg/kg	4.00		107	70-130		
Matrix Spike Analyzed: 12/01/2004 (P4L0109-MS1)										
Volatile Fuel Hydrocarbons	19.1	20	N/A	mg/kg	25.0	ND	76	50-130		
Surrigate: 4-BFB (FID)	3.97			mg/kg	4.00		99	70-130		
Matrix Spike Dup Analyzed: 12/01/2004 (P4L0109-MSD1)										
Volatile Fuel Hydrocarbons	19.3	20	N/A	mg/kg	25.0	ND	77	50-130	1	35
Surrigate: 4-BFB (FID)	4.04			mg/kg	4.00		101	70-130		

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Report Number: PNK0837

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Data Qualifiers
Blank Analyzed: 12/09/2004 (P4L0910-BLK1)									

Acetone	ND	20	6.4	ug/l					
Benzene	ND	1.0	0.15	ug/l					
Bromobenzene	ND	1.0	0.11	ug/l					
Bromochloromethane	ND	1.0	0.13	ug/l					
Bromodichloromethane	ND	1.0	0.16	ug/l					
Bromofarm	ND	2.0	1.4	ug/l					
Bromomethane	ND	4.0	0.56	ug/l					
2-Butanone (MEK)	ND	10	4.5	ug/l					
n-Butylbenzene	ND	1.0	0.18	ug/l					
sec-Butylbenzene	ND	1.0	0.12	ug/l					
tert-Butylbenzene	ND	1.0	0.15	ug/l					
Carbon Disulfide	ND	5.0	0.81	ug/l					
Carbon tetrachloride	ND	1.0	0.19	ug/l					
Chlorobenzene	ND	1.0	0.073	ug/l					
Chloroethane	ND	4.0	2.0	ug/l					
Chloroform	ND	1.0	0.16	ug/l					
Chloromethane	ND	4.0	0.26	ug/l					
2-Chlorotoluene	ND	1.0	0.092	ug/l					
4-Chlorotoluene	ND	1.0	0.12	ug/l					
Dibromochloromethane	ND	1.0	0.18	ug/l					
1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l					
1,2-Dibromomethane (EDB)	ND	1.0	0.16	ug/l					
Dibromomethane	ND	1.0	0.15	ug/l					
1,2-Dichlorobenzene	ND	1.0	0.12	ug/l					
1,3-Dichlorobenzene	ND	1.0	0.078	ug/l					
1,4-Dichlorobenzene	ND	1.0	0.13	ug/l					
Dichlorodifluoromethane	ND	4.0	1.1	ug/l					
1,1-Dichloroethane	ND	1.0	0.13	ug/l					
1,2-Dichloroethane	ND	1.0	0.15	ug/l					
1,1-Dichloroethene	ND	2.0	0.28	ug/l					
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/l					
trans-1,2-Dichloroethene	ND	1.0	0.33	ug/l					
1,2-Dichloropropane	ND	1.0	0.15	ug/l					
1,3-Dichloropropane	ND	1.0	0.16	ug/l					
2,2-Dichloropropane	ND	1.0	0.33	ug/l					

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Basin & Range Hydrogeologists

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Report Number: PNK0837

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Data Qualifiers
Blank Analyzed: 12/09/2004 (P4L0910-BLK1)									

1,1-Dichloropropene	ND	1.0	0.12	ug/l					
cis-1,3-Dichloropropene	ND	1.0	0.15	ug/l					
trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l					
Ethylbenzene	ND	2.0	0.12	ug/l					
Hexachlorobutadiene	ND	1.0	0.24	ug/l					
2-Hexanone	ND	3.0	5.7	ug/l					
Iodomethane	ND	2.0	0.15	ug/l					
Isopropylbenzene	ND	1.0	0.12	ug/l					
p-Isopropyltoluene	ND	1.0	0.11	ug/l					
Methylene chloride	1.35	5.0	0.80	ug/l					
4-Methyl-2-pentanone (MIBK)	ND	10	2.8	ug/l					
Methyl-tert-butyl Ether (MTBE)	ND	5.0	0.26	ug/l					
Naphthalene	ND	2.0	0.22	ug/l					
n-Propylbenzene	ND	1.0	0.14	ug/l					
Styrene	ND	1.0	0.12	ug/l					
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/l					
1,1,2,2-Tetrachloroethane	ND	2.0	0.22	ug/l					
Tetrachloroethene	ND	1.0	0.12	ug/l					
Toluene	ND	2.0	0.24	ug/l					
1,2,3-Trichlorobenzene	ND	1.0	0.16	ug/l					
1,2,4-Trichlorobenzene	ND	1.0	0.13	ug/l					
1,1,1-Trichloroethane	ND	1.0	0.22	ug/l					
1,1,2-Trichloroethane	ND	1.0	0.14	ug/l					
Trichloroethene	ND	1.0	0.14	ug/l					
Trichlorofluoromethane	ND	4.0	0.13	ug/l					
1,2,3-Trichloropropane	ND	1.0	0.26	ug/l					
1,2,4-Trichlorobenzene	ND	1.0	0.17	ug/l					
1,3,5-Trimethylbenzene	ND	1.0	0.15	ug/l					
Vinyl acetate	ND	5.0	1.6	ug/l					
Vinyl chloride	ND	1.0	0.18	ug/l					
Xylenes, Total	ND	3.0	0.38	ug/l					
Surrogate: Dibromofluoromethane	24.6			ug/l	25.0		98	80-125	
Surrogate: Toluene-d8	24.8			ug/l	25.0		99	80-120	
Surrogate: 4-Bromofluorobenzene	25.2			ug/l	25.0		101	80-125	

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Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	Limit	RPD	Limit	Data Qualifiers
Batch: P4L0910 Extracted: 12/09/04											
LCS Analyzed: 12/09/2004 (P4L0910-BS1)											
Acetone	22.0	30	6.4	ug/l	25.0	88	40-150				
Benzene	23.1	1.0	0.15	ug/l	25.0	100	80-120				
Bromobenzene	26.8	1.0	0.11	ug/l	25.0	107	80-120				
Bromochloromethane	25.8	1.0	0.13	ug/l	25.0	103	80-120				
Bromodichloromethane	26.3	1.0	0.16	ug/l	25.0	105	80-125				
Bromoforn	24.5	2.0	1.4	ug/l	25.0	98	75-120				
Bromomethane	27.5	4.0	0.56	ug/l	25.0	110	80-135				
2-Butanone (MEK)	24.9	1.0	4.5	ug/l	25.0	100	65-150				
n-Butylbenzene	25.4	1.0	0.18	ug/l	25.0	102	80-125				
sec-Butylbenzene	27.4	1.0	0.12	ug/l	25.0	110	80-120				
tert-Butylbenzene	27.1	1.0	0.15	ug/l	25.0	108	80-125				
Carbon Disulfide	26.5	5.0	0.81	ug/l	25.0	106	80-125				
Carbon tetrachloride	26.2	1.0	0.19	ug/l	25.0	105	80-130				
Chlorobenzene	25.8	1.0	0.073	ug/l	25.0	103	80-120				
Chloroethane	26.6	4.0	2.0	ug/l	25.0	106	80-125				
Chloroform	25.0	1.0	0.16	ug/l	25.0	100	80-125				
Chloromethane	28.1	4.0	0.26	ug/l	25.0	112	75-125				
2-Chlorotoluene	26.3	1.0	0.092	ug/l	25.0	105	80-120				
4-Chlorotoluene	27.0	1.0	0.12	ug/l	25.0	108	80-120				
Dibromochloromethane	23.8	1.0	0.18	ug/l	25.0	95	80-125				
1,2-Dibromo-3-chloropropane	23.8	1.0	0.42	ug/l	25.0	95	75-130				
1,2-Dibromomethane (EDB)	26.1	1.0	0.16	ug/l	25.0	104	80-120				
Dibromomethane	26.3	1.0	0.15	ug/l	25.0	105	80-120				
1,2-Dichlorobenzene	26.6	1.0	0.12	ug/l	25.0	106	80-120				
1,3-Dichlorobenzene	26.7	1.0	0.078	ug/l	25.0	107	80-120				
1,4-Dichlorobenzene	26.2	1.0	0.13	ug/l	25.0	105	80-120				
Dichlorodifluoromethane	30.7	4.0	1.1	ug/l	25.0	123	55-150				
1,1-Dichloroethane	25.6	1.0	0.13	ug/l	25.0	102	80-120				
1,2-Dichloroethane	25.1	1.0	0.15	ug/l	25.0	100	75-120				
1,1-Dichloroethene	25.4	2.0	0.28	ug/l	25.0	102	80-125				
cis-1,2-Dichloroethene	26.0	1.0	0.23	ug/l	25.0	104	80-125				
trans-1,2-Dichloroethene	25.0	1.0	0.33	ug/l	25.0	100	75-130				
1,2-Dichloropropane	26.5	1.0	0.15	ug/l	25.0	106	80-120				
1,3-Dichloropropane	25.6	1.0	0.16	ug/l	25.0	102	80-120				
2,2-Dichloropropane	25.4	1.0	0.33	ug/l	25.0	102	70-145				

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Scottsdale, AZ 85251

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	Limit	RPD	Limit	Data Qualifiers
Batch: P4L0910 Extracted: 12/09/04											
LCS Analyzed: 12/09/2004 (P4L0910-BS1)											
1,1-Dichloropropene	28.2	1.0	0.12	ug/l	25.0	113	80-120				
cis-1,3-Dichloropropene	26.7	1.0	0.15	ug/l	25.0	107	80-120				
trans-1,3-Dichloropropene	26.4	1.0	0.19	ug/l	25.0	106	80-120				
Ethylbenzene	25.2	2.0	0.12	ug/l	25.0	101	80-120				
Hexachlorobutadiene	27.4	1.0	0.24	ug/l	25.0	110	80-130				
2-Hexanone	26.0	1.0	5.7	ug/l	25.0	104	60-150				
Iodomethane	26.8	2.0	0.15	ug/l	25.0	107	80-130				
Isopropylbenzene	25.0	1.0	0.12	ug/l	25.0	100	80-120				
p-Isopropyltoluene	26.3	1.0	0.11	ug/l	25.0	105	80-120				
Methylcyclohexane	24.4	5.0	0.80	ug/l	25.0	98	80-120				
4-Methyl-2-pentanone (MIBK)	26.6	1.0	2.8	ug/l	25.0	106	70-130				
Methyl-tert-butyl Ether (MTBE)	26.8	5.0	0.26	ug/l	25.0	107	70-130				
Naphthalene	27.3	2.0	0.22	ug/l	25.0	105	75-125				
n-Propylbenzene	27.4	1.0	0.14	ug/l	25.0	110	80-125				
Styrene	26.2	1.0	0.12	ug/l	25.0	105	80-130				
1,1,1,2-Tetrachloroethane	26.4	1.0	0.14	ug/l	25.0	106	80-125				
1,1,1,2,2-Tetrachloroethane	27.6	2.0	0.22	ug/l	25.0	110	80-125				
Tetrachloroethene	25.2	1.0	0.12	ug/l	25.0	101	80-125				
Toluene	25.6	2.0	0.24	ug/l	25.0	102	80-125				
1,2,3-Trichlorobenzene	26.6	1.0	0.16	ug/l	25.0	106	80-125				
1,2,4-Trichlorobenzene	27.4	1.0	0.13	ug/l	25.0	110	80-125				
1,1,1-Trichloroethane	25.5	1.0	0.22	ug/l	25.0	102	80-125				
1,1,2-Trichloroethane	26.7	1.0	0.14	ug/l	25.0	107	80-120				
Trichloroethene	25.7	1.0	0.14	ug/l	25.0	103	80-120				
Trichlorofluoromethane	26.6	4.0	0.13	ug/l	25.0	106	75-140				
1,2,3-Trichloropropane	26.6	1.0	0.26	ug/l	25.0	106	75-120				
1,2,4-Trimethylbenzene	26.3	1.0	0.17	ug/l	25.0	105	80-120				
1,3,5-Trimethylbenzene	26.7	1.0	0.15	ug/l	25.0	107	80-120				
Vinyl acetate	26.8	5.0	1.6	ug/l	25.0	107	75-130				
Vinyl chloride	28.2	1.0	0.18	ug/l	25.0	113	75-130				
Xylenes, Total	80.6	3.0	0.38	ug/l	75.0	107	80-125				
Surrogate: Dibromofluoromethane	26.2			ug/l	25.0	105	80-125				
Surrogate: Toluene-d8	26.0			ug/l	25.0	104	80-120				
Surrogate: Bromofluorobenzene	26.4			ug/l	25.0	106	80-125				

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Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source	%REC	Limit	RPD	Data Qualifiers
Batch: P41.0910 Extracted: 12/09/04										

LCS Dup Analyzed: 12/09/2004 (P41.0910-BSD1)

Acetone	23.4	20	6.4	ug/l	25.0		94	40-150	6	35
Benzene	25.2	1.0	0.15	ug/l	25.0		101	80-120	0	10
Bromobenzene	26.9	1.0	0.11	ug/l	25.0		108	80-120	0	15
Bromochloromethane	26.7	1.0	0.13	ug/l	25.0		107	80-120	3	15
Bromodichloromethane	26.6	1.0	0.16	ug/l	25.0		106	80-125	1	15
Bromofom	25.8	2.0	1.4	ug/l	25.0		103	75-120	5	20
Bromomethane	27.7	4.0	0.56	ug/l	25.0		111	80-135	1	15
2-Butanone (MEK)	28.2	10	4.5	ug/l	25.0		113	65-150	12	35
n-Butylbenzene	25.3	1.0	0.18	ug/l	25.0		101	80-125	0	15
sec-Butylbenzene	27.1	1.0	0.12	ug/l	25.0		108	80-120	1	15
tert-Butylbenzene	26.7	1.0	0.15	ug/l	25.0		107	80-125	1	15
Carbon Disulfide	26.7	5.0	0.81	ug/l	25.0		107	80-125	1	15
Carbon tetrachloride	26.1	1.0	0.19	ug/l	25.0		104	80-130	0	20
Chlorobenzene	26.3	1.0	0.073	ug/l	25.0		105	80-120	2	15
Chloroethane	26.7	4.0	2.0	ug/l	25.0		107	80-125	0	15
Chloroform	25.7	1.0	0.16	ug/l	25.0		103	80-125	3	15
Chloromethane	28.4	4.0	0.26	ug/l	25.0		114	75-125	1	15
2-Chlorotoluene	26.2	1.0	0.092	ug/l	25.0		105	80-120	0	15
4-Chlorotoluene	26.8	1.0	0.12	ug/l	25.0		107	80-120	1	15
Dibromochloromethane	25.2	1.0	0.18	ug/l	25.0		101	80-125	6	20
1,2-Dibromo-3-chloropropane	26.1	1.0	0.42	ug/l	25.0		104	75-130	9	35
1,2-Dibromomethane (EDB)	28.6	1.0	0.16	ug/l	25.0		114	80-120	9	20
Dibromomethane	28.0	1.0	0.15	ug/l	25.0		112	80-120	6	20
1,2-Dichlorobenzene	27.1	1.0	0.12	ug/l	25.0		108	80-120	2	15
1,3-Dichlorobenzene	27.1	1.0	0.078	ug/l	25.0		108	80-120	1	15
1,4-Dichlorobenzene	26.4	1.0	0.13	ug/l	25.0		106	80-120	1	15
Dichlorodifluoromethane	30.5	4.0	1.1	ug/l	25.0		122	55-150	1	20
1,1-Dichloroethane	26.2	1.0	0.13	ug/l	25.0		105	80-120	2	20
1,2-Dichloroethane	26.7	1.0	0.15	ug/l	25.0		107	75-120	6	15
1,1-Dichloroethene	25.7	2.0	0.28	ug/l	25.0		103	80-125	1	20
cis-1,2-Dichloroethene	26.8	1.0	0.23	ug/l	25.0		107	80-125	3	15
trans-1,2-Dichloroethene	25.9	1.0	0.33	ug/l	25.0		104	75-130	4	15
1,2-Dichloropropane	26.5	1.0	0.15	ug/l	25.0		106	80-120	0	10
1,3-Dichloropropane	27.2	1.0	0.16	ug/l	25.0		109	80-120	6	15
2,2-Dichloropropane	25.3	1.0	0.33	ug/l	25.0		101	70-145	0	15

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Linda Eshelman
Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

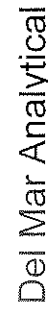
Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source	%REC	Limit	RPD	Data Qualifiers
Batch: P41.0910 Extracted: 12/09/04										

LCS Dup Analyzed: 12/09/2004 (P41.0910-BSD1)

1,1-Dichloropropene	28.4	1.0	0.12	ug/l	25.0		114	80-120	1	15
cis-1,3-Dichloropropene	27.3	1.0	0.15	ug/l	25.0		109	80-120	2	10
trans-1,3-Dichloropropene	27.4	1.0	0.19	ug/l	25.0		110	80-120	4	15
Ethylbenzene	25.4	2.0	0.12	ug/l	25.0		102	80-120	1	20
Hexachlorobutadiene	27.2	1.0	0.24	ug/l	25.0		109	80-130	1	15
2-Hexanone	29.7	1.0	5.7	ug/l	25.0		119	60-150	13	35
Iodomethane	27.0	2.0	0.15	ug/l	25.0		108	80-130	1	15
Isopropylbenzene	24.8	1.0	0.12	ug/l	25.0		99	80-120	1	15
p-Isopropyltoluene	26.2	1.0	0.11	ug/l	25.0		105	80-120	0	15
Methylene chloride	25.2	5.0	0.80	ug/l	25.0		101	80-120	3	15
4-Methyl-2-pentanone (MIBK)	30.0	10	2.8	ug/l	25.0		120	70-130	12	35
Methyl-tert-butyl Ether (MTBE)	29.0	5.0	0.26	ug/l	25.0		116	70-130	8	25
Naphthalene	28.5	2.0	0.22	ug/l	25.0		114	75-125	8	25
n-Propylbenzene	27.0	1.0	0.14	ug/l	25.0		108	80-125	1	15
Styrene	26.2	1.0	0.12	ug/l	25.0		105	80-130	0	15
1,1,1,2-Tetrachloroethane	27.0	1.0	0.14	ug/l	25.0		108	80-125	2	15
1,1,2,2-Tetrachloroethane	30.0	2.0	0.22	ug/l	25.0		120	80-125	8	25
Tetrachloroethene	25.2	1.0	0.12	ug/l	25.0		101	80-125	0	15
Toluene	25.4	2.0	0.24	ug/l	25.0		102	80-125	1	15
1,2,3-Trichlorobenzene	27.2	1.0	0.16	ug/l	25.0		109	80-125	2	15
1,2,4-Trichlorobenzene	28.0	1.0	0.13	ug/l	25.0		112	80-125	2	15
1,1,1-Trichloroethane	25.5	1.0	0.22	ug/l	25.0		102	80-125	0	15
1,1,2-Trichloroethane	28.0	1.0	0.14	ug/l	25.0		112	80-120	5	20
Trichloroethene	25.6	1.0	0.14	ug/l	25.0		102	80-120	0	15
Trichlorofluoromethane	27.1	4.0	0.13	ug/l	25.0		108	75-140	2	20
1,2,3-Trichloropropane	28.8	1.0	0.26	ug/l	25.0		115	75-120	8	25
1,2,4-Trimethylbenzene	26.4	1.0	0.17	ug/l	25.0		106	80-120	0	15
1,3,5-Trimethylbenzene	26.5	1.0	0.15	ug/l	25.0		106	80-120	1	15
Vinyl acetate	29.2	5.0	1.6	ug/l	25.0		117	75-130	9	25
Vinyl chloride	28.1	1.0	0.18	ug/l	25.0		112	75-130	0	20
Xylenes, Total	81.5	3.0	0.38	ug/l	75.0		109	80-125	1	15
Surrogate: Dibromofluoromethane	26.8			ug/l	25.0		107	80-125		
Surrogate: Toluene-d8	26.0			ug/l	25.0		104	80-120		
Surrogate: 4-Bromofluorobenzene	26.6			ug/l	25.0		106	80-125		

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Linda Eshelman
Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: P4L0910 Extracted: 12/09/04										
Matrix Spike Analyzed: 12/09/2004 (P4L0910-MST)										
Source: PNK0822-02										
Acetone	17.9	20	6.4	ug/l	25.0	ND	72	25-140		E#
Benzene	24.2	1.0	0.15	ug/l	25.0	ND	97	80-125		
Bromobenzene	25.7	1.0	0.11	ug/l	25.0	ND	103	80-125		
Bromochloromethane	23.9	1.0	0.13	ug/l	25.0	ND	96	80-135		
Bromodichloromethane	24.7	1.0	0.16	ug/l	25.0	ND	99	80-130		
Bromoform	21.5	2.0	1.4	ug/l	25.0	ND	86	70-125		
Bromomethane	26.7	4.0	0.56	ug/l	25.0	ND	107	80-130		
2-Butanone (MEK)	21.3	10	4.5	ug/l	25.0	ND	85	30-140		
n-Butylbenzene	25.3	1.0	0.18	ug/l	25.0	ND	101	80-130		
sec-Butylbenzene	26.6	1.0	0.12	ug/l	25.0	ND	106	80-125		
tert-Butylbenzene	26.5	1.0	0.15	ug/l	25.0	ND	106	80-125		
Carbon Disulfide	26.6	5.0	0.81	ug/l	25.0	ND	106	80-130		
Carbon tetrachloride	25.3	1.0	0.19	ug/l	25.0	ND	101	80-135		
Chlorobenzene	25.1	1.0	0.073	ug/l	25.0	ND	100	80-130		
Chloroethane	25.8	4.0	2.0	ug/l	25.0	ND	103	80-130		
Chloroform	24.1	1.0	0.16	ug/l	25.0	ND	96	80-135		
Chloromethane	27.0	4.0	0.26	ug/l	25.0	ND	108	65-130		
2-Chlorotoluene	25.8	1.0	0.092	ug/l	25.0	ND	103	80-125		
4-Chlorotoluene	26.4	1.0	0.12	ug/l	25.0	ND	106	80-125		
Dibromochloromethane	21.8	1.0	0.18	ug/l	25.0	ND	87	75-130		
1,2-Dibromo-3-chloropropane	19.5	1.0	0.42	ug/l	25.0	ND	78	70-135		
1,2-Dibromodichloroethane (EDB)	23.8	1.0	0.16	ug/l	25.0	ND	95	80-130		
Dibromomethane	24.3	1.0	0.15	ug/l	25.0	ND	97	80-130		
1,2-Dichlorobenzene	25.4	1.0	0.12	ug/l	25.0	ND	102	80-125		
1,3-Dichlorobenzene	25.4	1.0	0.078	ug/l	25.0	ND	102	80-120		
1,4-Dichlorobenzene	25.2	1.0	0.13	ug/l	25.0	ND	101	80-120		
Dichlorodifluoromethane	29.5	4.0	1.1	ug/l	25.0	ND	118	50-150		
1,1-Dichloroethane	25.0	1.0	0.15	ug/l	25.0	ND	100	80-130		
1,1-Dichloroethane	25.0	1.0	0.13	ug/l	25.0	ND	94	75-135		
1,1-Dichloroethane	24.0	2.0	0.28	ug/l	25.0	ND	96	75-130		
cis-1,2-Dichloroethene	25.0	1.0	0.23	ug/l	25.0	ND	100	80-130		
trans-1,2-Dichloroethene	24.4	1.0	0.33	ug/l	25.0	ND	98	70-135		
1,2-Dichloropropane	25.0	1.0	0.15	ug/l	25.0	ND	100	80-130		
1,3-Dichloropropane	23.6	1.0	0.16	ug/l	25.0	ND	94	80-130		
2,2-Dichloropropane	25.4	1.0	0.33	ug/l	25.0	ND	102	70-150		

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Linda Eshelman
Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: P4L0910 Extracted: 12/09/04										
Matrix Spike Analyzed: 12/09/2004 (P4L0910-MST)										
Source: PNK0822-02										
1,1-Dichloropropene	27.3	1.0	0.12	ug/l	25.0	ND	109	80-120		
cis-1,3-Dichloropropene	24.6	1.0	0.15	ug/l	25.0	ND	98	80-125		
trans-1,3-Dichloropropene	23.9	1.0	0.19	ug/l	25.0	ND	96	80-130		
Ethylbenzene	24.6	2.0	0.12	ug/l	25.0	ND	98	80-130		
Hexachlorobutadiene	26.6	1.0	0.24	ug/l	25.0	ND	106	80-125		
2-Hexanone	21.3	10	5.7	ug/l	25.0	ND	85	40-135		
Iodomethane	25.9	2.0	0.15	ug/l	25.0	ND	104	80-135		
Isopropylbenzene	24.9	1.0	0.12	ug/l	25.0	ND	100	80-125		
p-Isopropyltoluene	25.6	1.0	0.11	ug/l	25.0	ND	102	80-125		
Methylene chloride	23.5	5.0	0.80	ug/l	25.0	1.8	87	75-120		
4-Methyl-2-pentanone (MIBK)	21.6	10	2.8	ug/l	25.0	ND	86	60-140		
Methyl-tert-butyl Ether (MTBE)	22.9	5.0	0.26	ug/l	25.0	ND	92	65-135		
Naphthalene	22.8	2.0	0.22	ug/l	25.0	ND	91	75-135		
n-Propylbenzene	27.0	1.0	0.14	ug/l	25.0	ND	108	80-125		
Styrene	25.2	1.0	0.12	ug/l	25.0	ND	101	55-135		
1,1,1,2-Tetrachloroethane	25.5	1.0	0.14	ug/l	25.0	ND	102	80-130		
1,1,2,2-Tetrachloroethane	23.9	2.0	0.22	ug/l	25.0	ND	96	75-130		
Tetrachloroethene	24.9	1.0	0.12	ug/l	25.0	ND	100	80-130		
Toluene	24.7	2.0	0.24	ug/l	25.0	ND	99	80-130		
1,2,3-Trichlorobenzene	23.9	1.0	0.16	ug/l	25.0	ND	96	80-135		
1,2,4-Trichlorobenzene	25.5	1.0	0.13	ug/l	25.0	ND	102	80-130		
1,1,1-Trichloroethane	24.6	1.0	0.22	ug/l	25.0	ND	98	80-125		
1,1,2-Trichloroethane	23.5	1.0	0.14	ug/l	25.0	ND	94	80-125		
Trichloroethene	24.6	1.0	0.14	ug/l	25.0	ND	98	80-125		
Trichlorofluoromethane	26.1	4.0	0.13	ug/l	25.0	ND	104	75-140		
1,2,3-Trichloropropene	23.2	1.0	0.26	ug/l	25.0	ND	93	70-130		
1,2,4-Trimethylbenzene	25.5	1.0	0.17	ug/l	25.0	ND	102	80-120		
1,3,5-Trimethylbenzene	26.1	1.0	0.15	ug/l	25.0	ND	104	80-125		
Vinyl acetate	24.1	5.0	1.6	ug/l	25.0	ND	96	55-150		
Vinyl chloride	27.3	1.0	0.18	ug/l	25.0	ND	109	70-130		
Xylenes, Total	79.9	3.0	0.38	ug/l	75.0	ND	107	80-130		
Surrogate: Dibromofluoromethane	26.1			ug/l	25.0		104	80-125		
Surrogate: Toluene-d8	25.9			ug/l	25.0		104	80-120		
Surrogate: 4-Bromofluorobenzene	26.0			ug/l	25.0		104	80-125		

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Linda Eshelman
Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Data Qualifiers
Batch: P410910 Extracted: 12/09/04									

Matrix Spike Dup Analyzed: 12/09/2004 (P410910-MSD1)

Acetone	17.1	20	6.4	ug/l	25.0	ND	68	25-140	5	35	EA
Benzene	25.1	1.0	0.15	ug/l	25.0	ND	100	80-125	4	15	
Bromobenzene	25.9	1.0	0.11	ug/l	25.0	ND	104	80-125	1	15	
Bromochloromethane	23.4	1.0	0.13	ug/l	25.0	ND	94	80-135	2	20	
Bromodichloromethane	24.3	1.0	0.16	ug/l	25.0	ND	97	80-130	2	15	
Bromoforn	21.7	2.0	1.4	ug/l	25.0	ND	87	70-125	1	25	
Bromomethane	26.8	4.0	0.56	ug/l	25.0	ND	107	80-130	0	20	
2-Butanone (MEK)	20.0	10	4.5	ug/l	25.0	ND	80	30-140	6	35	
n-Butylbenzene	27.0	1.0	0.18	ug/l	25.0	ND	108	80-130	7	15	
sec-Butylbenzene	28.7	1.0	0.12	ug/l	25.0	ND	115	80-125	6	15	
tert-Butylbenzene	28.1	1.0	0.15	ug/l	25.0	ND	112	80-125	6	15	
Carbon Disulfide	26.4	5.0	0.81	ug/l	25.0	ND	106	80-130	1	15	
Carbon tetrachloride	26.3	1.0	0.19	ug/l	25.0	ND	105	80-135	4	15	
Chlorobenzene	26.4	1.0	0.073	ug/l	25.0	ND	106	80-130	5	15	
Chloroethane	26.3	4.0	2.0	ug/l	25.0	ND	105	80-130	2	20	
Chloroform	24.6	1.0	0.16	ug/l	25.0	ND	98	80-135	2	15	
Chloromethane	27.4	4.0	0.26	ug/l	25.0	ND	110	65-130	1	25	
2-Chlorotoluene	27.3	1.0	0.092	ug/l	25.0	ND	109	80-125	6	15	
4-Chlorotoluene	27.7	1.0	0.12	ug/l	25.0	ND	111	80-125	5	15	
Dibromochloromethane	22.2	1.0	0.18	ug/l	25.0	ND	89	75-130	2	20	
1,2-Dibromo-3-chloropropane	21.6	1.0	0.42	ug/l	25.0	ND	86	70-135	10	35	
1,2-Dibromomethane (EDB)	24.4	1.0	0.16	ug/l	25.0	ND	98	80-130	2	20	
Dibromomethane	23.5	1.0	0.15	ug/l	25.0	ND	94	80-130	3	20	
1,2-Dichlorobenzene	26.5	1.0	0.12	ug/l	25.0	ND	106	80-125	4	15	
1,3-Dichlorobenzene	27.0	1.0	0.078	ug/l	25.0	ND	108	80-125	6	15	
1,4-Dichlorobenzene	26.1	1.0	0.13	ug/l	25.0	ND	104	80-120	4	15	
Dichlorodifluoromethane	29.9	4.0	1.1	ug/l	25.0	ND	120	50-150	1	20	
1,1-Dichloroethane	25.5	1.0	0.13	ug/l	25.0	ND	102	80-130	2	20	
1,2-Dichloroethane	23.4	1.0	0.15	ug/l	25.0	ND	94	75-135	0	20	
1,1,1-Trichloroethane	25.4	2.0	0.28	ug/l	25.0	ND	102	75-130	6	15	
cis-1,2-Dichloroethene	25.6	1.0	0.23	ug/l	25.0	ND	102	80-130	2	15	
trans-1,2-Dichloroethene	25.2	1.0	0.33	ug/l	25.0	ND	101	70-135	3	20	
1,3-Dichloropropene	25.2	1.0	0.15	ug/l	25.0	ND	101	80-130	1	15	
2,2-Dichloropropene	24.2	1.0	0.16	ug/l	25.0	ND	97	80-130	3	20	
2,2,2-Trichloropropene	26.2	1.0	0.33	ug/l	25.0	ND	105	70-150	3	15	

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Linda Esheiman

Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Data Qualifiers
Batch: P410910 Extracted: 12/09/04									

Matrix Spike Dup Analyzed: 12/09/2004 (P410910-MSD1)

1,1-Dichloropropene	28.5	1.0	0.12	ug/l	25.0	ND	114	80-120	4	15	
cis-1,3-Dichloropropene	24.5	1.0	0.15	ug/l	25.0	ND	98	80-125	0	15	
trans-1,3-Dichloropropene	23.0	1.0	0.19	ug/l	25.0	ND	92	80-130	4	20	
Ethylbenzene	26.3	2.0	0.12	ug/l	25.0	ND	105	80-130	7	15	
Hexachlorobutadiene	28.7	1.0	0.24	ug/l	25.0	ND	115	80-125	8	15	
2-Hexanone	20.5	10	5.7	ug/l	25.0	ND	82	40-135	4	35	
Iodomethane	26.5	2.0	0.15	ug/l	25.0	ND	106	80-135	2	15	
Isopropylbenzene	25.9	1.0	0.12	ug/l	25.0	ND	104	80-125	4	15	
p-Isopropyltoluene	27.7	1.0	0.11	ug/l	25.0	ND	111	80-125	8	15	
Methylene chloride	24.1	5.0	0.80	ug/l	25.0	1.8	89	75-120	3	15	
4-Methyl-2-pentanone (MIBK)	20.7	10	2.8	ug/l	25.0	ND	83	60-140	4	35	
Methyl-tert-butyl Ether (MTBE)	21.6	5.0	0.26	ug/l	25.0	ND	86	65-155	6	30	
Naphthalene	24.2	2.0	0.22	ug/l	25.0	ND	97	75-135	6	30	
n-Propylbenzene	28.3	1.0	0.14	ug/l	25.0	ND	113	80-125	5	15	
Styrene	26.0	1.0	0.12	ug/l	25.0	ND	104	55-135	3	20	
1,1,1,2-Tetrachloroethane	26.4	1.0	0.14	ug/l	25.0	ND	106	80-130	3	10	
1,1,2,2-Tetrachloroethane	24.2	2.0	0.22	ug/l	25.0	ND	97	75-130	1	30	
Tetrachloroethene	26.4	1.0	0.12	ug/l	25.0	ND	106	80-130	6	15	
Toluene	25.3	2.0	0.24	ug/l	25.0	ND	101	80-130	2	15	
1,2,3-Trichlorobenzene	25.0	1.0	0.16	ug/l	25.0	ND	100	80-135	4	20	
1,2,4-Trichlorobenzene	26.4	1.0	0.13	ug/l	25.0	ND	106	80-130	3	15	
1,1,1-Trichloroethane	25.6	1.0	0.22	ug/l	25.0	ND	102	80-125	4	15	
1,1,2-Trichloroethane	22.8	1.0	0.14	ug/l	25.0	ND	91	80-125	3	20	
Trichloroethene	25.8	1.0	0.14	ug/l	25.0	ND	103	80-125	5	15	
Trichlorofluoromethane	26.8	4.0	0.13	ug/l	25.0	ND	107	75-140	3	15	
1,2,3-Trichloropropane	23.5	1.0	0.26	ug/l	25.0	ND	94	70-130	1	30	
1,2,4-Trimethylbenzene	27.1	1.0	0.17	ug/l	25.0	ND	108	80-120	6	15	
1,3,5-Trimethylbenzene	27.8	1.0	0.15	ug/l	25.0	ND	111	80-125	6	15	
Vinyl acetate	23.6	5.0	1.6	ug/l	25.0	ND	94	55-150	2	30	
Vinyl chloride	28.7	1.0	0.18	ug/l	25.0	ND	115	70-130	5	20	
Xylenes, Total	25.4	3.0	0.38	ug/l	75.0	ND	111	80-130	4	15	
Surrogate: Dibromofluoromethane	25.6			ug/l	25.0		102	80-125			
Surrogate: Toluene-d8	25.6			ug/l	25.0		102	80-120			
Surrogate: 4-Bromofluorobenzene	25.6			ug/l	25.0		102	80-125			

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Project ID: 24018.004/Air Liquide

Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251

Report Number: PNK0837

Attention: Amy Wolkowinsky

Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Data
Limit	Limit	Limit	Limit	Limit	Limit	Limit	Limit	Limit	Limit
Batch: P4L1104 Extracted: 12/11/04									
Blank Analyzed: 12/11/2004 (P4L1104-BLK1)									
Acetone	ND	20	6.4	ug/l					
Benzene	ND	1.0	0.15	ug/l					
Bromobenzene	ND	1.0	0.11	ug/l					
Bromochloromethane	ND	1.0	0.13	ug/l					
Bromodichloromethane	ND	1.0	0.16	ug/l					
Bromofluoromethane	ND	2.0	1.4	ug/l					
Bromonitromethane	ND	4.0	0.56	ug/l					
2-Butanone (MEK)	ND	10	4.5	ug/l					
n-Butylbenzene	ND	1.0	0.18	ug/l					
sec-Butylbenzene	ND	1.0	0.12	ug/l					
tert-Butylbenzene	ND	1.0	0.15	ug/l					
Carbon Disulfide	ND	5.0	0.81	ug/l					
Carbon tetrachloride	ND	1.0	0.19	ug/l					
Chlorobenzene	ND	1.0	0.073	ug/l					
Chloroethane	ND	4.0	2.0	ug/l					
Chloroform	ND	1.0	0.16	ug/l					
Chloromethane	ND	4.0	0.26	ug/l					
2-Chlorotoluene	ND	1.0	0.092	ug/l					
4-Chlorotoluene	ND	1.0	0.12	ug/l					
Dibromochloromethane	ND	1.0	0.18	ug/l					
1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l					
1,2-Dibromomethane (EDB)	ND	1.0	0.16	ug/l					
Dibromomethane	ND	1.0	0.15	ug/l					
1,2-Dichlorobenzene	ND	1.0	0.12	ug/l					
1,3-Dichlorobenzene	ND	1.0	0.078	ug/l					
1,4-Dichlorobenzene	ND	1.0	0.13	ug/l					
Dichlorodifluoromethane	ND	4.0	1.1	ug/l					
1,1-Dichloroethane	ND	1.0	0.13	ug/l					
1,2-Dichloroethane	ND	1.0	0.15	ug/l					
1,1-Dichloroethene	ND	2.0	0.28	ug/l					
cis-1,2-Dichloroethene	ND	1.0	0.23	ug/l					
trans-1,2-Dichloroethene	ND	1.0	0.33	ug/l					
1,2-Dichloropropane	ND	1.0	0.15	ug/l					
1,3-Dichloropropane	ND	1.0	0.16	ug/l					
2,2-Dichloropropane	ND	1.0	0.33	ug/l					

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Basin & Range Hydrogeologists
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Report Number: PNK0837

Attention: Amy Wolkowinsky

Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Data
Limit	Limit	Limit	Limit	Limit	Limit	Limit	Limit	Limit	Limit
Batch: P4L1104 Extracted: 12/11/04									
Blank Analyzed: 12/11/2004 (P4L1104-BLK1)									
1,1-Dichloropropene	ND	1.0	0.12	ug/l					
cis-1,3-Dichloropropene	ND	1.0	0.15	ug/l					
trans-1,3-Dichloropropene	ND	1.0	0.19	ug/l					
Ethylbenzene	ND	2.0	0.12	ug/l					
Hexachlorobutadiene	ND	1.0	0.24	ug/l					
2-Hexanone	ND	10	5.7	ug/l					
Iodomethane	ND	2.0	0.15	ug/l					
Isopropylbenzene	ND	1.0	0.12	ug/l					
p-Isopropyltoluene	ND	1.0	0.11	ug/l					
Methylene chloride	ND	5.0	0.80	ug/l					
4-Methyl-2-pentanone (MIBK)	ND	10	2.8	ug/l					
Methyl-tert-butyl Ether (MTBE)	ND	5.0	0.26	ug/l					
Naphthalene	ND	2.0	0.22	ug/l					
n-Propylbenzene	ND	1.0	0.14	ug/l					
Styrene	ND	1.0	0.12	ug/l					
1,1,1,2-Tetrachloroethane	ND	1.0	0.14	ug/l					
1,1,2,2-Tetrachloroethane	ND	2.0	0.22	ug/l					
Tetrachloroethene	ND	1.0	0.12	ug/l					
Toluene	ND	2.0	0.24	ug/l					
1,2,3-Trichlorobenzene	ND	1.0	0.16	ug/l					
1,2,4-Trichlorobenzene	ND	1.0	0.13	ug/l					
1,1,1-Trichloroethane	ND	1.0	0.22	ug/l					
1,1,2-Trichloroethane	ND	1.0	0.14	ug/l					
Trichloroethene	ND	4.0	0.13	ug/l					
Trichlorofluoromethane	ND	1.0	0.26	ug/l					
1,2,3-Trichloropropane	ND	1.0	0.17	ug/l					
1,2,4-Trimethylbenzene	ND	1.0	0.15	ug/l					
1,3,5-Trimethylbenzene	ND	1.0	0.15	ug/l					
Vinyl acetate	ND	5.0	1.6	ug/l					
Vinyl chloride	ND	1.0	0.18	ug/l					
Xylenes, Total	ND	3.0	0.38	ug/l					
Surrogate: Dibromofluoromethane	25.8			ug/l	25.0				103
Surrogate: Toluene-d8	26.9			ug/l	25.0				108
Surrogate: 4-Bromofluorobenzene	26.5			ug/l	25.0				106

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits		RPD	Data Qualifiers
							Result	Limit		

LCS Analyzed: 12/11/2004 (P4L1104-BST)

Acetone	20.0	20	6.4	ug/l	25.0	80	40-150			
Benzene	24.8	1.0	0.15	ug/l	25.0	99	80-120			
Bromobenzene	27.7	1.0	0.11	ug/l	25.0	111	80-120			
Bromochloromethane	26.5	1.0	0.13	ug/l	25.0	106	80-120			
Bromodichloromethane	26.8	1.0	0.16	ug/l	25.0	107	80-125			
Bromofluoromethane	27.8	2.0	1.4	ug/l	25.0	111	75-120			
Bromomethane	24.6	4.0	0.56	ug/l	25.0	98	80-135			
2-Butanone (MEK)	21.1	10	4.5	ug/l	25.0	84	65-150			
n-Butylbenzene	29.2	1.0	0.18	ug/l	25.0	117	80-125			
sec-Butylbenzene	30.9	1.0	0.12	ug/l	25.0	124	80-120			
tert-Butylbenzene	29.2	1.0	0.15	ug/l	25.0	117	80-125			
Carbon Disulfide	25.6	5.0	0.81	ug/l	25.0	102	80-125			
Carbon tetrachloride	27.5	1.0	0.19	ug/l	25.0	110	80-130			
Chlorobenzene	26.5	1.0	0.073	ug/l	25.0	106	80-120			
Chloroethane	25.0	4.0	2.0	ug/l	25.0	100	80-125			
Chloroform	25.2	1.0	0.16	ug/l	25.0	101	80-125			
Chloromethane	24.8	4.0	0.26	ug/l	25.0	99	75-125			
2-Chlorotoluene	28.6	1.0	0.092	ug/l	25.0	114	80-120			
4-Chlorotoluene	29.0	1.0	0.12	ug/l	25.0	116	80-120			
Dibromochloromethane	28.1	1.0	0.18	ug/l	25.0	112	80-125			
1,2-Dibromo-3-chloropropane	25.3	1.0	0.42	ug/l	25.0	101	75-130			
1,2-Dibromomethane (EDB)	25.9	1.0	0.16	ug/l	25.0	104	80-120			
Dibromomethane	26.6	1.0	0.15	ug/l	25.0	106	80-120			
1,2-Dichlorobenzene	27.0	1.0	0.12	ug/l	25.0	108	80-120			
1,3-Dichlorobenzene	27.9	1.0	0.078	ug/l	25.0	112	80-120			
1,4-Dichlorobenzene	27.2	1.0	0.13	ug/l	25.0	109	80-120			
Dichlorodifluoromethane	30.9	4.0	1.1	ug/l	25.0	124	55-150			
1,1-Dichloroethane	25.2	1.0	0.13	ug/l	25.0	101	80-120			
1,2-Dichloroethane	25.0	1.0	0.15	ug/l	25.0	100	75-120			
1,1-Dichloroethene	26.1	2.0	0.28	ug/l	25.0	104	80-125			
cis-1,2-Dichloroethene	26.2	1.0	0.23	ug/l	25.0	105	80-125			
trans-1,2-Dichloroethene	26.5	1.0	0.33	ug/l	25.0	106	75-130			
1,2-Dichloropropane	25.4	1.0	0.15	ug/l	25.0	102	80-120			
1,3-Dichloropropane	26.1	1.0	0.16	ug/l	25.0	104	80-120			
2,2-Dichloropropane	29.8	1.0	0.33	ug/l	25.0	119	70-145			

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Linda Eshelman

Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits		RPD	Data Qualifiers
							Result	Limit		

Batch: P4L1104 Extracted: 12/11/04

LCS Analyzed: 12/11/2004 (P4L1104-BST)

1,1-Dichloropropene	29.5	1.0	0.12	ug/l	25.0	118	80-120			
cis-1,3-Dichloropropene	26.0	1.0	0.15	ug/l	25.0	104	80-120			
trans-1,3-Dichloropropene	23.1	1.0	0.19	ug/l	25.0	92	80-120			
Ethylbenzene	27.6	2.0	0.12	ug/l	25.0	110	80-120			
Hexachlorobutadiene	31.0	1.0	0.24	ug/l	25.0	124	80-130			
2-Hexanone	25.3	10	5.7	ug/l	25.0	101	60-150			
Iodomethane	26.1	2.0	0.15	ug/l	25.0	104	80-130			
Isopropylbenzene	27.8	1.0	0.12	ug/l	25.0	111	80-120			
p-Isopropyltoluene	29.1	1.0	0.11	ug/l	25.0	116	80-120			
Methylene chloride	23.6	5.0	0.80	ug/l	25.0	94	80-120			
4-Methyl-2-pentanone (MIBK)	25.5	10	2.8	ug/l	25.0	102	70-130			
Methyl-tert-butyl Ether (MTBE)	27.2	5.0	0.26	ug/l	25.0	109	70-130			
Naphthalene	26.9	2.0	0.22	ug/l	25.0	108	75-125			
n-Propylbenzene	30.8	1.0	0.14	ug/l	25.0	123	80-125			
Styrene	26.9	1.0	0.12	ug/l	25.0	108	80-130			
1,1,1,2-Tetrachloroethane	25.7	1.0	0.14	ug/l	25.0	103	80-125			
1,1,2,2-Tetrachloroethane	27.6	2.0	0.22	ug/l	25.0	110	80-125			
Tetrachloroethene	27.1	1.0	0.12	ug/l	25.0	108	80-125			
Toluene	24.9	2.0	0.24	ug/l	25.0	100	80-125			
1,2,3-Trichlorobenzene	29.1	1.0	0.16	ug/l	25.0	116	80-125			
1,2,4-Trichlorobenzene	29.8	1.0	0.13	ug/l	25.0	119	80-125			
1,1,1-Trichloroethane	26.1	1.0	0.22	ug/l	25.0	104	80-125			
1,1,2-Trichloroethane	25.6	1.0	0.14	ug/l	25.0	102	80-120			
Trichloroethene	26.7	1.0	0.14	ug/l	25.0	107	80-120			
Trichlorofluoromethane	26.9	4.0	0.13	ug/l	25.0	108	75-140			
1,2,3-Trichloropropane	26.5	1.0	0.26	ug/l	25.0	106	75-120			
1,2,4-Trimethylbenzene	29.1	1.0	0.17	ug/l	25.0	116	80-120			
1,3,5-Trimethylbenzene	29.7	1.0	0.15	ug/l	25.0	119	80-120			
Vinyl acetate	26.9	5.0	1.6	ug/l	25.0	108	75-130			
Vinyl chloride	27.8	1.0	0.18	ug/l	25.0	111	80-125			
Xylenes, Total	82.9	3.0	0.38	ug/l	75.0	104	80-125			
Surrogate: Dibromofluoromethane	26.0			ug/l	25.0	107	80-120			
Surrogate: Toluene-d8	26.7			ug/l	25.0	107	80-120			
Surrogate: 4-Bromofluorobenzene	26.7			ug/l	25.0	107	80-125			

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Data Qualifiers
Acetone	19.5	20	6.4	ug/l	25.0	78	40-150	3	35
Benzene	25.8	1.0	0.15	ug/l	25.0	103	80-120	4	10
Bromobenzene	27.2	1.0	0.11	ug/l	25.0	109	80-120	2	15
Bromochloromethane	26.1	1.0	0.13	ug/l	25.0	104	80-120	2	15
Bromodichloromethane	27.4	1.0	0.16	ug/l	25.0	110	80-125	2	15
Bromoforn	28.4	2.0	1.4	ug/l	25.0	114	75-120	2	20
Bromomethane	24.4	4.0	0.56	ug/l	25.0	98	80-135	1	15
2-Butanone (MEK)	22.5	1.0	4.5	ug/l	25.0	90	65-150	6	35
n-Butylbenzene	29.5	1.0	0.12	ug/l	25.0	118	80-125	1	15
sec-Butylbenzene	30.8	1.0	0.18	ug/l	25.0	123	80-120	0	15
tert-Butylbenzene	29.0	1.0	0.15	ug/l	25.0	116	80-125	1	15
Carbon Disulfide	25.6	5.0	0.81	ug/l	25.0	102	80-125	0	15
Carbon tetrachloride	28.3	1.0	0.19	ug/l	25.0	113	80-130	3	20
Chlorobenzene	27.2	1.0	0.073	ug/l	25.0	109	80-120	3	15
Chloroethane	24.8	4.0	2.0	ug/l	25.0	99	80-125	1	15
Chloroform	25.3	1.0	0.16	ug/l	25.0	101	80-125	0	15
Chloromethane	24.5	4.0	0.26	ug/l	25.0	98	75-125	1	15
2-Chlorotoluene	28.6	1.0	0.092	ug/l	25.0	114	80-120	0	15
4-Chlorotoluene	29.0	1.0	0.12	ug/l	25.0	116	80-120	0	15
Dibromochloromethane	28.7	1.0	0.18	ug/l	25.0	115	80-125	0	15
1,2-Dibromo-3-chloropropane	26.5	1.0	0.42	ug/l	25.0	106	75-130	5	35
1,2-Dichloroethane (EDB)	26.8	1.0	0.16	ug/l	25.0	107	80-120	3	20
Dibromomethane	28.4	1.0	0.15	ug/l	25.0	114	80-120	7	20
1,2-Dichlorobenzene	27.5	1.0	0.12	ug/l	25.0	110	80-120	2	15
1,3-Dichlorobenzene	27.9	1.0	0.078	ug/l	25.0	112	80-120	0	15
1,4-Dichlorobenzene	26.9	1.0	0.13	ug/l	25.0	108	80-120	1	15
Dichlorodifluoromethane	30.8	4.0	1.1	ug/l	25.0	123	55-150	0	20
1,1-Dichloroethane	25.2	1.0	0.13	ug/l	25.0	101	80-120	0	20
1,2-Dichloroethane	24.6	1.0	0.15	ug/l	25.0	98	75-120	2	15
1,1-Dichloroethene	26.0	2.0	0.28	ug/l	25.0	104	80-125	0	20
trans-1,2-Dichloroethene	25.6	1.0	0.23	ug/l	25.0	102	80-125	2	15
1,3-Dichlorobutane	26.4	1.0	0.33	ug/l	25.0	106	75-130	0	15
1,2-Dichloropropane	26.0	1.0	0.15	ug/l	25.0	104	80-120	2	10
1,3-Dichloropropane	27.1	1.0	0.16	ug/l	25.0	108	80-120	4	15
2,2-Dichloropropane	30.2	1.0	0.33	ug/l	25.0	121	70-145	1	15

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Project Manager

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Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Data Qualifiers
Acetone	30.3	1.0	0.12	ug/l	25.0	121	80-120	3	15
1,1-Dichloropropene	26.8	1.0	0.15	ug/l	25.0	107	80-120	3	10
cis-1,3-Dichloropropene	24.1	1.0	0.19	ug/l	25.0	96	80-120	4	15
trans-1,3-Dichloropropene	28.0	2.0	0.12	ug/l	25.0	112	80-120	1	15
Ethylbenzene	31.2	1.0	0.24	ug/l	25.0	125	80-130	1	20
Hexachlorobutadiene	26.8	10	5.7	ug/l	25.0	107	60-150	6	35
n-Hexanone	26.5	2.0	0.15	ug/l	25.0	106	80-130	2	15
Iodomethane	27.7	1.0	0.12	ug/l	25.0	111	80-120	0	15
Isopropylbenzene	29.3	1.0	0.11	ug/l	25.0	117	80-120	1	15
p-Isopropyltoluene	23.6	5.0	0.80	ug/l	25.0	94	80-120	0	15
Methylene chloride	27.6	10	2.8	ug/l	25.0	110	70-130	8	35
4-Methyl-2-pentanone (MIBK)	27.9	5.0	0.26	ug/l	25.0	112	70-130	3	25
Methyl-tert-butyl Ether (MTBE)	27.3	2.0	0.22	ug/l	25.0	109	75-125	1	25
Naphthalene	30.4	1.0	0.14	ug/l	25.0	122	80-125	1	15
n-Propylbenzene	27.7	1.0	0.12	ug/l	25.0	111	80-130	3	15
Styrene	25.7	1.0	0.14	ug/l	25.0	103	80-125	0	15
1,1,1,2-Tetrachloroethane	28.0	2.0	0.22	ug/l	25.0	112	80-125	1	25
1,1,2,2-Tetrachloroethane	27.9	1.0	0.12	ug/l	25.0	103	80-125	3	15
Tetrachloroethene	25.8	2.0	0.24	ug/l	25.0	103	80-125	4	15
Toluene	29.0	1.0	0.16	ug/l	25.0	116	80-125	0	15
1,2,3-Trichlorobenzene	30.5	1.0	0.13	ug/l	25.0	122	80-125	2	15
1,2,4-Trichlorobenzene	25.4	1.0	0.22	ug/l	25.0	102	80-125	3	15
1,1,1-Trichloroethane	26.9	1.0	0.14	ug/l	25.0	108	80-120	5	20
1,1,2-Trichloroethane	27.2	1.0	0.14	ug/l	25.0	109	80-120	2	15
Trichlorofluoromethane	26.4	4.0	0.13	ug/l	25.0	106	75-140	2	20
1,2,3-Trichloropropane	26.3	1.0	0.26	ug/l	25.0	105	75-120	1	25
1,2,4-Trimethylbenzene	28.9	1.0	0.17	ug/l	25.0	116	80-120	1	15
1,3,5-Trimethylbenzene	29.5	1.0	0.15	ug/l	25.0	118	80-120	1	15
Vinyl acetate	27.4	5.0	1.6	ug/l	25.0	110	75-130	2	25
Vinyl chloride	27.8	1.0	0.18	ug/l	25.0	111	75-130	0	20
Xylenes, Total	84.6	3.0	0.38	ug/l	75.0	113	80-125	2	15
Surrogate: Dibromofluoromethane	27.1			ug/l	25.0	102	80-125		
Surrogate: Toluene-d8	27.1			ug/l	25.0	108	80-120		
Surrogate: 4-Bromofluorobenzene	27.1			ug/l	25.0	108	80-125		

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Data Qualifiers
Batch: P4L1104 Extracted: 12/11/04									
Matrix Spike Analyzed: 12/11/2004 (P4L1104-MS1)									
Acetone	37.0	20	6.4	ug/l	25.0	ND	148 25-140		MI
Benzene	47.3	1.0	0.15	ug/l	25.0	18	117 80-125		
Bromobenzene	27.9	1.0	0.11	ug/l	25.0	ND	112 80-125		
Bromochloromethane	27.4	1.0	0.13	ug/l	25.0	ND	110 80-135		
Bromodichloromethane	27.8	1.0	0.16	ug/l	25.0	0.81	108 80-130		
Bromoforn	28.3	2.0	1.4	ug/l	25.0	ND	113 70-125		
Bromomethane	23.7	4.0	0.56	ug/l	25.0	ND	95 80-130		
2-Butanone (MEK)	22.0	10	4.5	ug/l	25.0	ND	88 30-140		
n-Butylbenzene	30.7	1.0	0.18	ug/l	25.0	1.5	114 80-130		
sec-Butylbenzene	30.7	1.0	0.12	ug/l	25.0	ND	123 80-125		
tert-Butylbenzene	28.8	1.0	0.15	ug/l	25.0	ND	115 80-125		
Carbon Disulfide	22.3	5.0	0.81	ug/l	25.0	ND	89 80-130		
Carbon tetrachloride	27.8	1.0	0.19	ug/l	25.0	ND	111 80-135		
Chlorobenzene	27.3	1.0	0.073	ug/l	25.0	ND	109 80-130		
Chloroethane	22.0	4.0	2.0	ug/l	25.0	ND	88 80-130		
Chloroform	24.7	1.0	0.16	ug/l	25.0	0.71	96 80-135		
Chloromethane	22.4	4.0	0.26	ug/l	25.0	ND	90 65-130		
2-Chlorotoluene	30.4	1.0	0.092	ug/l	25.0	ND	122 80-125		
4-Chlorotoluene	29.7	1.0	0.12	ug/l	25.0	ND	119 80-125		
Dibromochloromethane	29.3	1.0	0.18	ug/l	25.0	1.3	112 75-130		
1,2-Dibromo-3-chloropropane	23.6	1.0	0.42	ug/l	25.0	ND	94 70-135		
1,2-Dibromomethane (EDB)	26.9	1.0	0.16	ug/l	25.0	ND	108 80-130		
Dibromomethane	27.1	1.0	0.15	ug/l	25.0	ND	108 80-130		
1,2-Dichlorobenzene	28.2	1.0	0.12	ug/l	25.0	ND	113 80-125		
1,3-Dichlorobenzene	28.4	1.0	0.078	ug/l	25.0	ND	114 80-125		
1,4-Dichlorobenzene	27.9	1.0	0.13	ug/l	25.0	0.55	109 80-120		
Dichlorodifluoromethane	27.8	4.0	1.1	ug/l	25.0	ND	111 50-150		
1,1-Dichloroethane	22.8	1.0	0.13	ug/l	25.0	ND	91 80-130		
1,2-Dichloroethane	27.2	1.0	0.15	ug/l	25.0	2.8	98 75-135		
1,1-Dichloroethene	24.4	2.0	0.28	ug/l	25.0	ND	98 75-130		
cis-1,2-Dichloroethene	25.6	1.0	0.23	ug/l	25.0	ND	102 80-130		
trans-1,2-Dichloroethene	25.2	1.0	0.33	ug/l	25.0	ND	101 70-135		
1,2-Dichloropropane	24.9	1.0	0.15	ug/l	25.0	ND	100 80-130		
1,3-Dichloropropane	25.5	1.0	0.16	ug/l	25.0	ND	102 80-130		
2,2-Dichloropropane	26.5	1.0	0.33	ug/l	25.0	ND	106 70-150		

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Linda Eschelman

Project Manager

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Attention: Amy Wolkowinsky

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Data Qualifiers
Batch: P4L1104 Extracted: 12/11/04									
Matrix Spike Analyzed: 12/11/2004 (P4L1104-MS1)									
1,1-Dichloroethene	28.8	1.0	0.12	ug/l	25.0	ND	115 80-120		
cis-1,3-Dichloropropene	26.1	1.0	0.15	ug/l	25.0	ND	104 80-125		
trans-1,3-Dichloropropene	22.8	1.0	0.19	ug/l	25.0	ND	91 80-130		
Ethylbenzene	33.7	2.0	0.12	ug/l	25.0	4.9	115 80-130		
Hexachlorobutadiene	32.4	1.0	0.24	ug/l	25.0	ND	130 80-125		
2-Hexanone	29.9	10	5.7	ug/l	25.0	ND	120 40-135		
Iodomethane	26.9	2.0	0.15	ug/l	25.0	ND	108 80-135		
Isopropylbenzene	28.5	1.0	0.12	ug/l	25.0	0.65	111 80-125		
p-Isopropyltoluene	29.0	1.0	0.11	ug/l	25.0	ND	116 80-125		
Methylene chloride	22.1	5.0	0.80	ug/l	25.0	ND	88 75-120		
4-Methyl-2-pentanone (MIBK)	22.9	10	2.8	ug/l	25.0	ND	92 60-140		
Methyl-tert-butyl Ether (MTBE)	65.6	5.0	0.26	ug/l	25.0	33	130 65-155		
Naphthalene	30.3	2.0	0.22	ug/l	25.0	2.7	110 75-135		
n-Propylbenzene	32.3	1.0	0.14	ug/l	25.0	1.7	122 80-125		
Styrene	27.5	1.0	0.12	ug/l	25.0	ND	110 55-135		
1,1,1,2-Tetrachloroethane	26.6	1.0	0.14	ug/l	25.0	ND	106 80-130		
1,1,2,2-Tetrachloroethane	25.5	2.0	0.22	ug/l	25.0	ND	102 75-130		
Tetrachloroethane	28.1	1.0	0.12	ug/l	25.0	ND	112 80-130		
Toluene	76.5	2.0	0.24	ug/l	25.0	41	142 80-130		
1,2,3-Trichlorobenzene	30.2	1.0	0.16	ug/l	25.0	ND	121 80-135		
1,2,4-Trichlorobenzene	31.7	1.0	0.13	ug/l	25.0	ND	127 80-130		
1,1,1-Trichloroethane	24.4	1.0	0.22	ug/l	25.0	ND	98 80-125		
1,1,2-Trichloroethane	27.2	1.0	0.14	ug/l	25.0	ND	109 80-125		
Trichloroethene	27.1	1.0	0.14	ug/l	25.0	ND	108 80-125		
Trichlorofluoromethane	23.0	4.0	0.13	ug/l	25.0	ND	92 75-140		
1,2,3-Trichloropropane	23.9	1.0	0.26	ug/l	25.0	ND	96 70-130		
1,2,4-Trimethylbenzene	48.8	1.0	0.17	ug/l	25.0	17	127 80-120		
1,3,5-Trimethylbenzene	42.5	1.0	0.15	ug/l	25.0	11	126 80-125		
Vinyl acetate	23.7	5.0	1.6	ug/l	25.0	ND	95 55-150		
Vinyl chloride	23.8	1.0	0.18	ug/l	25.0	ND	95 70-130		
Xylenes, Total	163	3.0	0.38	ug/l	75.0	68	127 80-130		
Surrogate: Dibromofluoromethane	23.3			ug/l	25.0		101 80-125		
Surrogate: Toluene-d8	27.0			ug/l	25.0		108 80-120		
Surrogate: 4-Bromofluorobenzene	26.2			ug/l	25.0		103 80-125		

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Linda Eschelman

Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Acetone	42.7	20	6.4	ug/l	25.0	ND	171 25-140	14	35
Benzene	42.6	1.0	0.15	ug/l	25.0	18	98 80-125	10	15
Bromobenzene	26.4	1.0	0.11	ug/l	25.0	ND	106 80-125	6	15
Bromochloromethane	26.2	1.0	0.13	ug/l	25.0	ND	103 80-135	4	20
Bromodichloromethane	26.2	1.0	0.16	ug/l	25.0	0.81	102 80-130	6	15
Bromoforn	29.7	2.0	1.4	ug/l	25.0	ND	119 70-125	5	25
Bromomethane	20.6	4.0	0.56	ug/l	25.0	ND	82 80-130	14	20
2-Butanone (MEK)	21.9	1.0	4.5	ug/l	25.0	ND	88 30-140	1	35
n-Butylbenzene	26.9	1.0	0.18	ug/l	25.0	1.5	102 80-130	11	15
sec-Butylbenzene	27.4	1.0	0.12	ug/l	25.0	ND	110 80-125	11	15
tert-Butylbenzene	25.9	1.0	0.15	ug/l	25.0	ND	104 80-125	11	15
Carbon Disulfide	20.4	5.0	0.81	ug/l	25.0	ND	82 80-130	9	15
Carbon tetrachloride	25.1	1.0	0.19	ug/l	25.0	ND	100 80-135	10	15
Chlorobenzene	25.8	1.0	0.073	ug/l	25.0	ND	103 80-130	6	15
Chloroethane	19.8	4.0	2.0	ug/l	25.0	ND	79 80-130	11	20
Chloroform	22.4	1.0	0.16	ug/l	25.0	0.71	87 80-135	10	15
Chloromethane	18.7	4.0	0.26	ug/l	25.0	ND	75 65-130	18	25
2-Chlorotoluene	27.1	1.0	0.092	ug/l	25.0	ND	108 80-125	11	15
4-Chlorotoluene	26.4	1.0	0.12	ug/l	25.0	ND	106 80-125	12	15
Dibromochloromethane	29.4	1.0	0.18	ug/l	25.0	1.3	112 75-130	0	20
1,2-Dibromo-3-chloropropane	24.7	1.0	0.42	ug/l	25.0	ND	99 70-135	5	35
1,2-Dibromomethane (EDB)	26.6	1.0	0.16	ug/l	25.0	ND	106 80-130	1	20
Dibromomethane	27.3	1.0	0.15	ug/l	25.0	ND	109 80-130	1	20
1,2-Dichlorobenzene	26.9	1.0	0.12	ug/l	25.0	ND	108 80-125	5	15
1,3-Dichlorobenzene	26.6	1.0	0.078	ug/l	25.0	ND	106 80-125	7	15
1,4-Dichlorobenzene	25.8	1.0	0.13	ug/l	25.0	0.55	101 80-120	8	15
Dichlorodifluoromethane	24.4	4.0	1.1	ug/l	25.0	ND	98 50-150	13	20
1,1-Dichloroethane	20.4	1.0	0.13	ug/l	25.0	ND	82 80-130	11	20
1,2-Dichloroethane	25.4	1.0	0.15	ug/l	25.0	2.8	90 75-135	7	20
1,1,1-Dichloroethane	22.1	2.0	0.28	ug/l	25.0	ND	88 75-130	10	15
cis-1,2-Dichloroethane	23.5	1.0	0.23	ug/l	25.0	ND	94 80-130	9	15
trans-1,2-Dichloroethane	23.1	1.0	0.33	ug/l	25.0	ND	92 70-135	9	20
1,2-Dichloropropane	22.9	1.0	0.15	ug/l	25.0	ND	92 80-130	8	15
1,3-Dichloropropane	24.7	1.0	0.16	ug/l	25.0	ND	97 80-130	3	20
2,2-Dichloropropane	24.2	1.0	0.33	ug/l	25.0	ND	97 70-150	9	15

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Acetone	42.7	20	6.4	ug/l	25.0	ND	171 25-140	14	35
Benzene	42.6	1.0	0.15	ug/l	25.0	18	98 80-125	10	15
Bromobenzene	26.4	1.0	0.11	ug/l	25.0	ND	106 80-125	6	15
Bromochloromethane	26.2	1.0	0.13	ug/l	25.0	ND	103 80-135	4	20
Bromodichloromethane	26.2	1.0	0.16	ug/l	25.0	0.81	102 80-130	6	15
Bromoforn	29.7	2.0	1.4	ug/l	25.0	ND	119 70-125	5	25
Bromomethane	20.6	4.0	0.56	ug/l	25.0	ND	82 80-130	14	20
2-Butanone (MEK)	21.9	1.0	4.5	ug/l	25.0	ND	88 30-140	1	35
n-Butylbenzene	26.9	1.0	0.18	ug/l	25.0	1.5	102 80-130	11	15
sec-Butylbenzene	27.4	1.0	0.12	ug/l	25.0	ND	110 80-125	11	15
tert-Butylbenzene	25.9	1.0	0.15	ug/l	25.0	ND	104 80-125	11	15
Carbon Disulfide	20.4	5.0	0.81	ug/l	25.0	ND	82 80-130	9	15
Carbon tetrachloride	25.1	1.0	0.19	ug/l	25.0	ND	100 80-135	10	15
Chlorobenzene	25.8	1.0	0.073	ug/l	25.0	ND	103 80-130	6	15
Chloroethane	19.8	4.0	2.0	ug/l	25.0	ND	79 80-130	11	20
Chloroform	22.4	1.0	0.16	ug/l	25.0	0.71	87 80-135	10	15
Chloromethane	18.7	4.0	0.26	ug/l	25.0	ND	75 65-130	18	25
2-Chlorotoluene	27.1	1.0	0.092	ug/l	25.0	ND	108 80-125	11	15
4-Chlorotoluene	26.4	1.0	0.12	ug/l	25.0	ND	106 80-125	12	15
Dibromochloromethane	29.4	1.0	0.18	ug/l	25.0	1.3	112 75-130	0	20
1,2-Dibromo-3-chloropropane	24.7	1.0	0.42	ug/l	25.0	ND	99 70-135	5	35
1,2-Dibromomethane (EDB)	26.6	1.0	0.16	ug/l	25.0	ND	106 80-130	1	20
Dibromomethane	27.3	1.0	0.15	ug/l	25.0	ND	109 80-130	1	20
1,2-Dichlorobenzene	26.9	1.0	0.12	ug/l	25.0	ND	108 80-125	5	15
1,3-Dichlorobenzene	26.6	1.0	0.078	ug/l	25.0	ND	106 80-125	7	15
1,4-Dichlorobenzene	25.8	1.0	0.13	ug/l	25.0	0.55	101 80-120	8	15
Dichlorodifluoromethane	24.4	4.0	1.1	ug/l	25.0	ND	98 50-150	13	20
1,1-Dichloroethane	20.4	1.0	0.13	ug/l	25.0	ND	82 80-130	11	20
1,2-Dichloroethane	25.4	1.0	0.15	ug/l	25.0	2.8	90 75-135	7	20
1,1,1-Dichloroethane	22.1	2.0	0.28	ug/l	25.0	ND	88 75-130	10	15
cis-1,2-Dichloroethane	23.5	1.0	0.23	ug/l	25.0	ND	94 80-130	9	15
trans-1,2-Dichloroethane	23.1	1.0	0.33	ug/l	25.0	ND	92 70-135	9	20
1,2-Dichloropropane	22.9	1.0	0.15	ug/l	25.0	ND	92 80-130	8	15
1,3-Dichloropropane	24.7	1.0	0.16	ug/l	25.0	ND	97 80-130	3	20
2,2-Dichloropropane	24.2	1.0	0.33	ug/l	25.0	ND	97 70-150	9	15

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Attention: Amy Volkovinsky

Project ID: 24018.004/Air Liquide

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Batch: P41.0807 Extracted: 11/30/04									

Blank Analyzed: 12/07/2004 (P41.0807-BLK1)

Acetone	ND	1000	240	ug/kg					V1
Benzene	ND	50	14	ug/kg					
Bromobenzene	ND	250	7.7	ug/kg					
Bromochloromethane	ND	250	6.2	ug/kg					
Bromodichloromethane	ND	100	9.2	ug/kg					
Bromoflone	ND	250	8.5	ug/kg					
Bromonitrobenzene	ND	250	110	ug/kg					
2-Butanone (MEK)	ND	1000	240	ug/kg					V1
n-Butylbenzene	ND	250	18	ug/kg					
sec-Butylbenzene	ND	250	12	ug/kg					
tert-Butylbenzene	ND	250	11	ug/kg					
Carbon Disulfide	ND	500	8.0	ug/kg					
Carbon tetrachloride	ND	250	6.2	ug/kg					
Chlorobenzene	ND	50	7.7	ug/kg					
Chloroethane	ND	250	8.5	ug/kg					
Chloroform	ND	100	8.3	ug/kg					
Chloromethane	ND	250	10	ug/kg					
2-Chlorotoluene	ND	250	9.9	ug/kg					
4-Chlorotoluene	ND	250	8.6	ug/kg					
Dibromochloromethane	ND	100	8.2	ug/kg					
1,2-Dibromo-3-chloropropane	ND	250	65	ug/kg					
1,2-Dibromomethane (EDB)	ND	100	7.7	ug/kg					
Dibromomethane	ND	100	8.3	ug/kg					
1,2-Dichlorobenzene	ND	100	9.2	ug/kg					
1,3-Dichlorobenzene	ND	100	8.0	ug/kg					
1,4-Dichlorobenzene	ND	100	9.4	ug/kg					
Dichlorodifluoromethane	ND	250	11	ug/kg					
1,1-Dichloroethane	ND	100	6.9	ug/kg					
1,2-Dichloroethane	ND	50	7.8	ug/kg					
1,1-Dichloroethene	ND	250	7.5	ug/kg					
cis-1,2-Dichloroethene	ND	100	11	ug/kg					
trans-1,2-Dichloroethene	ND	100	11	ug/kg					
1,2-Dichloropropane	ND	100	7.3	ug/kg					
1,3-Dichloropropane	ND	100	8.4	ug/kg					
2,2-Dichloropropane	ND	100	13	ug/kg					

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Attention: Amy Volkovinsky

Project ID: 24018.004/Air Liquide

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Batch: P41.0807 Extracted: 11/30/04									

Blank Analyzed: 12/07/2004 (P41.0807-BLK1)

1,1-Dichloropropene	ND	100	6.9	ug/kg					
cis-1,3-Dichloropropene	ND	100	17	ug/kg					
trans-1,3-Dichloropropene	ND	100	8.0	ug/kg					
Ethylbenzene	ND	100	8.0	ug/kg					
Hexachlorobutadiene	ND	250	77	ug/kg					V1
2-Hexanone	ND	1000	130	ug/kg					
Iodomethane	ND	250	25	ug/kg					
Isopropylbenzene	ND	100	9.8	ug/kg					
p-Isopropyltoluene	ND	100	13	ug/kg					
Methylene chloride	ND	500	60	ug/kg					
4-Methyl-2-pentanone (MIBK)	ND	1000	130	ug/kg					V1
Methyl-tert-butyl Ether (MTBE)	ND	250	13	ug/kg					
Naphthalene	ND	250	67	ug/kg					
n-Propylbenzene	ND	100	11	ug/kg					
Styrene	ND	100	9.0	ug/kg					
1,1,1,2-Tetrachloroethane	ND	250	8.5	ug/kg					
1,1,2,2-Tetrachloroethane	ND	100	11	ug/kg					
Tetrachloroethene	ND	100	11	ug/kg					
Toluene	ND	100	8.9	ug/kg					
1,2,3-Trichlorobenzene	ND	250	60	ug/kg					
1,2,4-Trichlorobenzene	ND	250	30	ug/kg					
1,1,1-Trichloroethane	ND	100	6.2	ug/kg					E4
1,1,2-Trichloroethane	ND	100	9.6	ug/kg					
Trichloroethene	ND	100	11	ug/kg					
Trichlorofluoromethane	ND	250	7.8	ug/kg					
1,2,3-Trichloropropane	ND	500	10	ug/kg					
1,2,4-Trinitrobenzene	ND	100	9.7	ug/kg					
1,3,5-Trinitrobenzene	ND	100	10	ug/kg					
Vinyl acetate	ND	1200	10	ug/kg					
Vinyl chloride	ND	250	4.7	ug/kg					
Xylenes, Total	ND	150	18	ug/kg					
Surrogate: Dibromofluoromethane	1210			ug/kg	1250			97	70-120
Surrogate: Toluene-d8	1200			ug/kg	1250			96	75-120
Surrogate: 4-Bromofluorobenzene	1270			ug/kg	1250			102	75-120

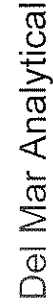
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Project ID: 24018.004/Air Liquide

Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

Attention: Amy Wolkowinsky

METHOD BLANK/QC DATA

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

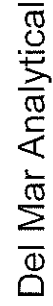
Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Data Qualifiers
Batch: P4L0807 Extracted: 11/30/04									
LCS Analyzed: 12/07/2004 (P4L0807-BS1)									
Acetone	640	1000	240	ug/kg	1250	51	15-120		V1, E4
Benzene	1330	50	14	ug/kg	1250	106	80-120		
Bromobenzene	1330	250	7.7	ug/kg	1250	106	80-120		
Bromochloromethane	1240	250	6.2	ug/kg	1250	99	80-120		
Bromodichloromethane	1240	160	9.2	ug/kg	1250	99	80-120		
Bromofom	1070	250	8.3	ug/kg	1250	86	65-120		
Bromomethane	1410	250	110	ug/kg	1250	113	25-120		
2-Butanone (MEK)	844	1000	240	ug/kg	1250	68	45-125		V1, E4
n-Butylbenzene	1440	250	18	ug/kg	1250	115	80-130		
n-Butylbenzene	1490	250	12	ug/kg	1250	119	80-130		
tert-Butylbenzene	1450	250	11	ug/kg	1250	116	80-130		
Carbon Disulfide	1360	500	8.0	ug/kg	1250	109	50-120		
Carbon tetrachloride	1340	250	6.2	ug/kg	1250	107	80-125		
Chlorobenzene	1340	50	7.7	ug/kg	1250	107	80-120		
Chloroethane	1370	250	8.5	ug/kg	1250	110	20-120		
Chloroform	1280	100	8.3	ug/kg	1250	102	80-120		
Chloromethane	1560	250	10	ug/kg	1250	125	45-120		L3
2-Chlorotoluene	1380	250	9.9	ug/kg	1250	110	80-120		
4-Chlorotoluene	1390	250	8.6	ug/kg	1250	111	80-125		
Dibromochloromethane	1220	100	8.2	ug/kg	1250	98	75-120		
1,2-Dibromo-3-chloropropane	1080	250	65	ug/kg	1250	86	50-120		
1,2-Dibromomethane (EDB)	1340	100	7.7	ug/kg	1250	107	75-125		
Dibromomethane	1260	100	8.3	ug/kg	1250	101	80-120		
1,2-Dichlorobenzene	1360	100	9.2	ug/kg	1250	109	80-120		
1,3-Dichlorobenzene	1380	100	8.0	ug/kg	1250	110	80-120		
1,4-Dichlorobenzene	1370	100	9.4	ug/kg	1250	110	80-120		
Dichlorodifluoromethane	1840	250	11	ug/kg	1250	147	20-120		L3
1,1-Dichloroethane	1350	100	6.9	ug/kg	1250	108	80-120		
1,2-Dichloroethane	1240	50	7.8	ug/kg	1250	99	75-120		
1,1-Dichloroethene	1410	250	7.5	ug/kg	1250	113	65-120		
cis-1,2-Dichloroethene	1360	100	11	ug/kg	1250	109	80-120		
trans-1,2-Dichloroethene	1390	100	11	ug/kg	1250	111	80-120		
1,2-Dichloropropane	1310	100	7.3	ug/kg	1250	105	80-120		
1,3-Dichloropropane	1320	100	8.4	ug/kg	1250	106	80-120		
2,2-Dichloropropane	1400	100	13	ug/kg	1250	112	80-120		

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Linda Eshelman
Project Manager

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Project ID: 24018.004/Air Liquide

Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

Attention: Amy Wolkowinsky

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Data Qualifiers
Batch: P4L0807 Extracted: 11/30/04									
LCS Analyzed: 12/07/2004 (P4L0807-BS1)									
1,1-Dichloropropene	1500	100	6.9	ug/kg	1250	120	80-120		
cis-1,3-Dichloropropene	1290	100	17	ug/kg	1250	103	80-120		
trans-1,3-Dichloropropene	1220	100	8.0	ug/kg	1250	98	80-120		
Ethylbenzene	1350	100	8.0	ug/kg	1250	108	80-120		
Hexachlorobutadiene	1520	250	77	ug/kg	1250	122	80-140		V1
2-Hexanone	1020	1000	130	ug/kg	1250	82	50-120		
Iodomethane	1350	250	25	ug/kg	1250	108	60-120		
Isopropylbenzene	1340	100	9.8	ug/kg	1250	107	80-125		
p-Isopropyltoluene	1450	100	13	ug/kg	1250	116	80-130		
Methylene chloride	1250	500	60	ug/kg	1250	100	60-120		
4-Methyl-2-pentanone (MIBK)	968	1000	150	ug/kg	1250	77	50-120		V1, E4
Methyl-tert-butyl Ether (MTBE)	1130	250	13	ug/kg	1250	90	75-120		
Naphthalene	1160	250	67	ug/kg	1250	93	60-120		
n-Propylbenzene	1460	100	11	ug/kg	1250	117	80-130		
Styrene	1380	100	9.0	ug/kg	1250	110	80-125		
1,1,1,2-Tetrachloroethane	1300	250	8.5	ug/kg	1250	104	80-120		
1,1,2,2-Tetrachloroethane	1230	100	11	ug/kg	1250	98	60-120		
Tetrachloroethene	1480	100	11	ug/kg	1250	118	80-120		
Toluene	1370	100	8.9	ug/kg	1250	110	80-120		
1,2,3-Trichlorobenzene	1250	250	60	ug/kg	1250	100	70-130		
1,2,4-Trichlorobenzene	1360	250	30	ug/kg	1250	109	75-135		
1,1,1-Trichloroethane	1420	100	6.2	ug/kg	1250	114	80-120		
1,1,2-Trichloroethane	1210	100	9.6	ug/kg	1250	97	75-120		
Trichloromethane	1290	100	11	ug/kg	1250	103	80-130		
Trichlorofluoromethane	1530	250	7.8	ug/kg	1250	122	30-130		
1,2,3-Trichloropropane	1170	500	10	ug/kg	1250	94	60-120		
1,2,4-Trimethylbenzene	1380	100	9.7	ug/kg	1250	110	80-120		
1,3,5-Trimethylbenzene	1450	100	10	ug/kg	1250	116	80-130		
Vinyl acetate	1120	1200	10	ug/kg	1250	90	30-120		E4
Vinyl chloride	804	250	4.7	ug/kg	1250	64	10-120		
Xylenes, Total	4290	150	18	ug/kg	1250	114	80-120		
Surrogate: Dibromofluoromethane	1260			ug/kg	1250	101	70-120		
Surrogate: Toluene-d8	1260			ug/kg	1250	101	75-120		
Surrogate: 4-Bromofluorobenzene	1250			ug/kg	1250	100	75-120		

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Batch: P4L0807 Extracted: 11/30/04									
LCS Dup Analyzed: 12/07/2004 (P4L0807-BSD1)									
Acetone	855	1000	240	ug/kg	1250	68	15-120	29	35
Benzene	1310	50	14	ug/kg	1250	105	80-120	2	15
Bromobenzene	1340	250	7.7	ug/kg	1250	107	80-120	1	15
Bromochloromethane	1320	250	6.2	ug/kg	1250	106	80-120	6	15
Bromodichloromethane	1280	100	9.2	ug/kg	1250	102	80-120	3	15
Bromofluoromethane	1260	250	8.3	ug/kg	1250	101	65-120	16	15
Bromotoluene	1340	250	110	ug/kg	1250	107	25-120	5	35
2-Butanone (MEK)	1240	1000	240	ug/kg	1250	99	45-125	38	30
n-Butylbenzene	1400	250	18	ug/kg	1250	112	80-130	3	15
sec-Butylbenzene	1440	250	12	ug/kg	1250	115	80-130	3	15
tert-Butylbenzene	1390	250	11	ug/kg	1250	111	80-130	4	15
Carbon Disulfide	1300	500	8.0	ug/kg	1250	104	50-120	5	15
Carbon tetrachloride	1320	250	6.2	ug/kg	1250	106	80-125	2	15
Chlorobenzene	1330	50	7.7	ug/kg	1250	106	80-120	1	15
Chloroethane	1330	250	8.5	ug/kg	1250	106	20-120	3	35
Chloroform	1250	100	8.3	ug/kg	1250	100	80-120	2	15
Chloromethane	1490	250	10	ug/kg	1250	119	45-120	5	20
2-Chlorotoluene	1340	250	9.9	ug/kg	1250	107	80-120	3	15
4-Chlorotoluene	1380	250	8.6	ug/kg	1250	110	80-125	1	15
Dibromochloromethane	1370	100	8.2	ug/kg	1250	110	75-120	12	15
1,2-Dibromo-3-chloropropane	1410	250	65	ug/kg	1250	113	50-120	27	25
1,2-Dibromochloroethane (EDB)	1320	100	7.7	ug/kg	1250	122	75-125	13	15
Dibromomethane	1390	100	8.3	ug/kg	1250	111	80-120	10	15
1,2-Dichlorobenzene	1380	100	9.2	ug/kg	1250	110	80-120	1	15
1,3-Dichlorobenzene	1380	100	8.0	ug/kg	1250	110	80-120	0	15
1,4-Dichlorobenzene	1350	100	9.4	ug/kg	1250	108	80-120	0	15
Dichlorodifluoromethane	1800	250	11	ug/kg	1250	144	20-120	2	20
1,1-Dichloroethane	1330	100	6.9	ug/kg	1250	106	80-120	1	15
1,2-Dichloroethane	1300	50	7.8	ug/kg	1250	104	75-120	5	15
1,1-Dichloroethene	1410	250	7.5	ug/kg	1250	113	65-120	0	20
cis-1,2-Dichloroethene	1350	100	11	ug/kg	1250	108	80-120	1	15
trans-1,2-Dichloroethene	1370	100	11	ug/kg	1250	110	80-120	1	15
1,3-Dichloropropane	1310	100	7.3	ug/kg	1250	105	80-120	0	15
1,3-Dichloropropane	1490	100	8.4	ug/kg	1250	119	80-120	12	15
2,2-Dichloropropane	1250	100	13	ug/kg	1250	100	80-120	11	15

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Batch: P4L0807 Extracted: 11/30/04									
LCS Dup Analyzed: 12/07/2004 (P4L0807-BSD1)									
1,1-Dichloropropane	1490	100	6.9	ug/kg	1250	119	80-120	1	15
cis-1,3-Dichloropropane	1320	100	17	ug/kg	1250	106	80-120	2	15
trans-1,3-Dichloropropane	1340	100	8.0	ug/kg	1250	107	80-120	9	15
Ethylbenzene	1340	100	8.0	ug/kg	1250	107	80-120	1	15
Hexachlorobutadiene	1500	250	77	ug/kg	1250	120	80-140	1	15
2-Hexanone	1390	1000	130	ug/kg	1250	111	50-120	31	35
Iodomethane	1350	250	25	ug/kg	1250	108	60-120	0	20
Isopropylbenzene	1290	100	9.8	ug/kg	1250	103	80-125	4	15
p-Isopropyltoluene	1400	100	13	ug/kg	1250	112	80-130	4	15
Methylene chloride	1230	500	60	ug/kg	1250	98	60-120	2	15
4-Methyl-2-pentanone (MIBK)	1300	1000	150	ug/kg	1250	104	50-120	29	30
Methyl-tert-butyl Ether (MTBE)	1320	250	13	ug/kg	1250	106	75-120	16	20
Naphthalene	1420	250	67	ug/kg	1250	114	60-120	20	20
n-Propylbenzene	1430	100	11	ug/kg	1250	114	80-130	2	15
Styrene	1390	100	9.0	ug/kg	1250	111	80-125	1	15
1,1,1,2-Tetrachloroethane	1310	250	8.5	ug/kg	1250	105	80-120	1	15
1,1,2,2-Tetrachloroethane	1500	100	11	ug/kg	1250	120	60-120	20	20
Tetrachloroethane	1450	100	11	ug/kg	1250	116	80-120	2	15
Toluene	1350	100	8.9	ug/kg	1250	108	80-120	1	15
1,2,3-Trichlorobenzene	1390	250	60	ug/kg	1250	111	70-130	11	15
1,2,4-Trichlorobenzene	1420	250	30	ug/kg	1250	114	75-135	4	15
1,1,1-Trichloroethane	1390	100	6.2	ug/kg	1250	111	80-120	2	15
1,1,2-Trichloroethane	1290	100	9.6	ug/kg	1250	111	75-120	14	15
Trichloroethene	1290	100	11	ug/kg	1250	103	80-120	0	15
Trichlorofluoromethane	1490	250	7.8	ug/kg	1250	119	30-130	3	20
1,2,3-Trichloropropane	1420	500	10	ug/kg	1250	114	60-120	19	20
1,2,4-Trimethylbenzene	1360	100	9.7	ug/kg	1250	109	80-120	1	15
1,3,5-Trimethylbenzene	1410	100	10	ug/kg	1250	113	80-130	3	15
Vinyl acetate	1300	1200	10	ug/kg	1250	104	30-120	15	35
Vinyl chloride	743	250	4.7	ug/kg	1250	59	10-120	8	35
Xylenes, Total	4260	150	18	ug/kg	3750	114	80-120	1	15
Surrogate: Dibromofluoromethane	1280			ug/kg	1250	102	70-120		
Surrogate: Toluene-d8	1250			ug/kg	1250	100	75-120		
Surrogate: 4-Bromofluorobenzene	1300			ug/kg	1250	104	75-120		

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Spike Source	%REC Result	%REC Limits	RPD	Data Qualifiers
Source: PNK0837-04										
Acetone	749	1000	240	ug/kg	1280	ND	59	15-120		V/I, E4
Benzene	1310	50	14	ug/kg	1280	ND	102	70-120		
Bromochloromethane	1330	250	7.7	ug/kg	1280	ND	104	70-120		
Bromodichloromethane	1300	250	6.2	ug/kg	1280	ND	102	70-120		
Bromoflorm	1240	100	9.2	ug/kg	1280	ND	97	70-120		
Bromomethane	1300	250	8.3	ug/kg	1280	ND	102	55-120		
Bromotoluene	1410	250	110	ug/kg	1280	ND	110	20-120		
n-Butanol	992	1000	240	ug/kg	1280	ND	78	40-120		
n-Butylbenzene	1410	250	18	ug/kg	1280	ND	110	75-130		
sec-Butylbenzene	1440	250	12	ug/kg	1280	ND	112	75-125		
tert-Butylbenzene	1390	250	11	ug/kg	1280	ND	109	75-125		
Carbon Disulfide	1300	500	8.0	ug/kg	1280	ND	102	45-120		
Carbon tetrachloride	1340	250	6.2	ug/kg	1280	ND	105	75-120		
Chlorobenzene	1320	50	7.7	ug/kg	1280	ND	103	75-120		
Chloroethane	1400	250	8.5	ug/kg	1280	ND	109	20-120		
Chloroform	1270	100	8.3	ug/kg	1280	ND	99	70-120		
Chloromethane	1570	250	10	ug/kg	1280	ND	123	35-120		N/I
2-Chlorotoluene	1350	250	9.9	ug/kg	1280	ND	105	75-120		
4-Chlorotoluene	1380	250	8.6	ug/kg	1280	ND	108	75-120		
Dibromochloromethane	1200	100	8.2	ug/kg	1280	ND	94	70-120		
1,2-Dibromo-3-chloropropane	1270	250	65	ug/kg	1280	ND	99	50-130		
1,2-Dibromomethane (EDB)	1330	100	7.7	ug/kg	1280	ND	104	65-125		
Dibromomethane	1320	100	8.3	ug/kg	1280	ND	103	70-120		
1,2-Dichlorobenzene	1340	100	9.2	ug/kg	1280	ND	105	75-120		
1,3-Dichlorobenzene	1360	100	8.0	ug/kg	1280	ND	106	75-120		
1,4-Dichlorobenzene	1350	100	9.4	ug/kg	1280	ND	105	80-120		
Dichlorodifluoromethane	1810	250	11	ug/kg	1280	ND	141	10-120		
1,1-Dichloroethane	1450	100	6.9	ug/kg	1280	ND	110	70-120		
1,2-Dichloroethane	1280	50	7.8	ug/kg	1280	ND	100	70-120		
1,1-Dichloroethene	1480	250	7.5	ug/kg	1280	49	112	50-120		
cis-1,2-Dichloroethene	1380	100	11	ug/kg	1280	ND	108	70-120		
trans-1,2-Dichloroethene	1370	100	11	ug/kg	1280	ND	107	65-120		
1,2-Dichloropropane	1300	100	7.3	ug/kg	1280	ND	102	75-120		
1,3-Dichloropropane	1310	100	8.4	ug/kg	1280	ND	102	65-120		
2,2-Dichloropropane	1270	100	13	ug/kg	1280	ND	99	60-120		

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Spike Source	%REC Result	%REC Limits	RPD	Data Qualifiers
Source: PNK0837-04										
Acetone	749	1000	240	ug/kg	1280	ND	59	15-120		V/I, E4
Benzene	1310	50	14	ug/kg	1280	ND	102	70-120		
Bromochloromethane	1330	250	7.7	ug/kg	1280	ND	104	70-120		
Bromodichloromethane	1300	250	6.2	ug/kg	1280	ND	102	70-120		
Bromoflorm	1240	100	9.2	ug/kg	1280	ND	97	70-120		
Bromomethane	1300	250	8.3	ug/kg	1280	ND	102	55-120		
Bromotoluene	1410	250	110	ug/kg	1280	ND	110	20-120		
n-Butanol	992	1000	240	ug/kg	1280	ND	78	40-120		
n-Butylbenzene	1410	250	18	ug/kg	1280	ND	110	75-130		
sec-Butylbenzene	1440	250	12	ug/kg	1280	ND	112	75-125		
tert-Butylbenzene	1390	250	11	ug/kg	1280	ND	109	75-125		
Carbon Disulfide	1300	500	8.0	ug/kg	1280	ND	102	45-120		
Carbon tetrachloride	1340	250	6.2	ug/kg	1280	ND	105	75-120		
Chlorobenzene	1320	50	7.7	ug/kg	1280	ND	103	75-120		
Chloroethane	1400	250	8.5	ug/kg	1280	ND	109	20-120		
Chloroform	1270	100	8.3	ug/kg	1280	ND	99	70-120		
Chloromethane	1570	250	10	ug/kg	1280	ND	123	35-120		
2-Chlorotoluene	1350	250	9.9	ug/kg	1280	ND	105	75-120		
4-Chlorotoluene	1380	250	8.6	ug/kg	1280	ND	108	75-120		
Dibromochloromethane	1200	100	8.2	ug/kg	1280	ND	94	70-120		
1,2-Dibromo-3-chloropropane	1270	250	65	ug/kg	1280	ND	99	50-130		
1,2-Dibromomethane (EDB)	1330	100	7.7	ug/kg	1280	ND	104	65-125		
Dibromomethane	1320	100	8.3	ug/kg	1280	ND	103	70-120		
1,2-Dichlorobenzene	1340	100	9.2	ug/kg	1280	ND	105	75-120		
1,3-Dichlorobenzene	1360	100	8.0	ug/kg	1280	ND	106	75-120		
1,4-Dichlorobenzene	1350	100	9.4	ug/kg	1280	ND	105	80-120		
Dichlorodifluoromethane	1810	250	11	ug/kg	1280	ND	141	10-120		
1,1-Dichloroethane	1450	100	6.9	ug/kg	1280	ND	110	70-120		
1,2-Dichloroethane	1280	50	7.8	ug/kg	1280	ND	100	70-120		
1,1-Dichloroethene	1480	250	7.5	ug/kg	1280	49	112	50-120		
cis-1,2-Dichloroethene	1380	100	11	ug/kg	1280	ND	108	70-120		
trans-1,2-Dichloroethene	1370	100	11	ug/kg	1280	ND	107	65-120		
1,2-Dichloropropane	1300	100	7.3	ug/kg	1280	ND	102	75-120		
1,3-Dichloropropane	1310	100	8.4	ug/kg	1280	ND	102	65-120		
2,2-Dichloropropane	1270	100	13	ug/kg	1280	ND	99	60-120		

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Project Manager

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PNK0837 <Page 94 of 155>



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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Volkovinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3520 FAX (702) 798-3521

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Acetone	682	1000	240	ug/kg	1280	ND	53	15-120	9
Benzene	1270	50	14	ug/kg	1280	ND	99	70-120	3
Bromobenzene	1320	250	7.7	ug/kg	1280	ND	103	70-120	1
Bromochloromethane	1260	250	6.2	ug/kg	1280	ND	98	70-120	3
Bromodichloromethane	1220	100	9.2	ug/kg	1280	ND	95	70-120	2
Bromoform	1180	250	8.3	ug/kg	1280	ND	92	55-120	10
Bromomethane	1320	250	110	ug/kg	1280	ND	103	20-120	7
2-Butanone (MEK)	981	1000	240	ug/kg	1280	ND	77	40-120	1
n-Butylbenzene	1270	250	18	ug/kg	1280	ND	99	75-130	10
sec-Butylbenzene	1330	250	12	ug/kg	1280	ND	104	75-125	8
tert-Butylbenzene	1310	250	11	ug/kg	1280	ND	102	75-125	6
Carbon Disulfide	1210	500	8.0	ug/kg	1280	ND	93	45-120	7
Carbon tetrachloride	1200	250	6.2	ug/kg	1280	ND	94	75-120	11
Chlorobenzene	1280	50	7.7	ug/kg	1280	ND	100	75-120	3
Chloroethane	1250	250	8.5	ug/kg	1280	ND	98	20-120	11
Chloroform	1230	100	8.3	ug/kg	1280	ND	96	70-120	3
Chloromethane	1390	250	10	ug/kg	1280	ND	109	35-120	12
2-Chlorotoluene	1300	250	9.9	ug/kg	1280	ND	102	75-120	4
4-Chlorotoluene	1320	250	8.6	ug/kg	1280	ND	103	75-120	4
Dibromochloromethane	1190	100	8.2	ug/kg	1280	ND	93	70-120	1
1,2-Dibromo-3-chloropropane	1170	250	65	ug/kg	1280	ND	91	50-130	8
1,2-Dibromomethane (EDB)	1300	100	7.7	ug/kg	1280	ND	102	65-125	2
Dibromomethane	1310	100	8.3	ug/kg	1280	ND	102	70-120	1
1,2-Dichlorobenzene	1290	100	9.2	ug/kg	1280	ND	101	75-120	4
1,3-Dichlorobenzene	1330	100	8.0	ug/kg	1280	ND	104	75-120	2
1,4-Dichlorobenzene	1290	100	9.4	ug/kg	1280	ND	101	80-120	5
Dichlorodifluoromethane	1590	250	11	ug/kg	1280	ND	124	10-120	13
1,1-Dichloroethane	1400	100	6.9	ug/kg	1280	ND	101	70-120	4
1,2-Dichloroethane	1260	50	7.8	ug/kg	1280	ND	98	70-120	2
1,1-Dichloroethene	1300	250	7.5	ug/kg	1280	ND	49	50-120	13
cis-1,2-Dichloroethene	1320	100	11	ug/kg	1280	ND	103	70-120	4
trans-1,2-Dichloroethene	1310	100	11	ug/kg	1280	ND	102	65-120	4
1,3-Dichloropropane	1270	100	7.3	ug/kg	1280	ND	99	75-120	2
2,2-Dichloropropane	1260	100	8.4	ug/kg	1280	ND	99	65-120	3
2,3-Dichloropropane	1270	100	13	ug/kg	1280	ND	98	60-120	1

Matrix Spike Dup Analyzed: 12/07/2004 (P410807-MSD1)

Source: PNK0837-04

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
1,1-Dichloropropane	1360	100	6.9	ug/kg	1280	ND	106	70-125	9
cis-1,3-Dichloropropene	1260	100	17	ug/kg	1280	ND	98	75-120	4
trans-1,3-Dichloropropene	1240	100	8.0	ug/kg	1280	ND	97	70-120	2
Ethylbenzene	1230	100	8.0	ug/kg	1280	ND	96	75-120	5
Hexachlorobutadiene	1320	250	77	ug/kg	1280	ND	103	70-135	11
2-Hexanone	1200	1000	130	ug/kg	1280	ND	80	40-120	13
Iodomethane	1290	250	25	ug/kg	1280	ND	101	50-120	3
Isopropylbenzene	1210	100	9.8	ug/kg	1280	ND	95	75-120	6
p-Isopropyltoluene	1290	100	13	ug/kg	1280	ND	101	75-125	7
Methylene chloride	1390	500	60	ug/kg	1280	ND	110	50-120	3
4-Methyl-2-pentanone (MIBK)	1030	1000	150	ug/kg	1280	ND	80	45-135	11
Methyl-tert-butyl Ether (MTBE)	1210	250	13	ug/kg	1280	ND	95	60-120	6
Naphthalene	1200	250	67	ug/kg	1280	ND	94	50-130	8
n-Propylbenzene	1330	100	11	ug/kg	1280	ND	104	70-125	7
Styrene	1260	100	9.0	ug/kg	1280	ND	98	75-120	2
1,1,1,2-Tetrachloroethane	1280	250	8.5	ug/kg	1280	ND	100	75-120	2
1,1,2,2-Tetrachloroethane	1240	100	11	ug/kg	1280	ND	97	60-120	13
Tetraethioethene	1270	100	8.9	ug/kg	1280	ND	99	75-120	5
Toluene	1270	100	8.9	ug/kg	1280	ND	99	75-120	5
1,2,3-Trichlorobenzene	1250	250	8.5	ug/kg	1280	ND	98	60-125	8
1,2,4-Trichlorobenzene	1320	250	30	ug/kg	1280	ND	103	65-130	4
1,1,1-Trichloroethane	2750	100	6.2	ug/kg	1280	ND	105	70-120	0
1,1,2-Trichloroethane	1250	100	9.6	ug/kg	1280	ND	98	70-120	3
Trichloroethene	1190	100	11	ug/kg	1280	ND	93	70-125	7
Trichlorofluoromethane	1360	250	7.8	ug/kg	1280	ND	106	25-120	9
1,2,3-Trichloropropane	1200	500	10	ug/kg	1280	ND	94	55-130	11
1,2,4-Trimethylbenzene	1280	100	9.7	ug/kg	1280	ND	100	75-120	8
1,3,5-Trimethylbenzene	1310	100	10	ug/kg	1280	ND	102	75-125	6
Vinyl acetate	1140	1200	10	ug/kg	1280	ND	89	25-130	7
Vinyl chloride	705	250	4.7	ug/kg	1280	ND	55	10-120	13
Xylenes, Total	4050	150	18	ug/kg	3830	ND	103	75-120	2
Surrogate: Dibromofluoromethane	1320			ug/kg	1280		106	70-120	
Surrogate: Toluene-d8	1270			ug/kg	1280		99	75-120	
Surrogate: 4-Bromofluorobenzene	1220			ug/kg	1280		95	75-120	

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Project ID: 24018.004/Air Liquide

Report Number: PNK0837

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Received: 11/30/04

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Acetone	682	1000	240	ug/kg	1280	ND	53	15-120	9
Benzene	1270	50	14	ug/kg	1280	ND	99	70-120	3
Bromobenzene	1320	250	7.7	ug/kg	1280	ND	103	70-120	1
Bromochloromethane	1260	250	6.2	ug/kg	1280	ND	98	70-120	3
Bromodichloromethane	1220	100	9.2	ug/kg	1280	ND	95	70-120	2
Bromoform	1180	250	8.3	ug/kg	1280	ND	92	55-120	10
Bromomethane	1320	250	110	ug/kg	1280	ND	103	20-120	7
2-Butanone (MEK)	981	1000	240	ug/kg	1280	ND	77	40-120	1
n-Butylbenzene	1270	250	18	ug/kg	1280	ND	99	75-130	10
sec-Butylbenzene	1330	250	12	ug/kg	1280	ND	104	75-125	8
tert-Butylbenzene	1310	250	11	ug/kg	1280	ND	102	75-125	6
Carbon Disulfide	1210	500	8.0	ug/kg	1280	ND	93	45-120	7
Carbon tetrachloride	1200	250	6.2	ug/kg	1280	ND	94	75-120	11
Chlorobenzene	1280	50	7.7	ug/kg	1280	ND	100	75-120	3
Chloroethane	1250	250	8.5	ug/kg	1280	ND	98	20-120	11
Chloroform	1230	100	8.3	ug/kg	1280	ND	96	70-120	3
Chloromethane	1390	250	10	ug/kg	1280	ND	109	35-120	12
2-Chlorotoluene	1300	250	9.9	ug/kg	1280	ND	102	75-120	4
4-Chlorotoluene	1320	250	8.6	ug/kg	1280	ND	103	75-120	4
Dibromochloromethane	1190	100	8.2	ug/kg	1280	ND	93	70-120	1
1,2-Dibromo-3-chloropropane	1170	250	65	ug/kg	1280	ND	91	50-130	8
1,2-Dibromomethane (EDB)	1300	100	7.7	ug/kg	1280	ND	102	65-125	2
Dibromomethane	1310	100	8.3	ug/kg	1280	ND	102	70-120	1
1,2-Dichlorobenzene	1290	100	9.2	ug/kg	1280	ND	101	75-120	4
1,3-Dichlorobenzene	1330	100	8.0	ug/kg	1280	ND	104	75-120	2
1,4-Dichlorobenzene	1290	100	9.4	ug/kg	1280	ND	101	80-120	5
Dichlorodifluoromethane	1590	250	11	ug/kg	1280	ND	124	10-120	13
1,1-Dichloroethane	1400	100	6.9	ug/kg	1280	ND	101	70-120	4
1,2-Dichloroethane	1260	50	7.8	ug/kg	1280	ND	98	70-120	2
1,1-Dichloroethene	1300	250	7.5	ug/kg	1280	ND	49	50-120	13
cis-1,2-Dichloroethene	1320	100	11	ug/kg	1280	ND	103	70-120	4
trans-1,2-Dichloroethene	1310	100	11	ug/kg	1280	ND	102	65-120	4
1,3-Dichloropropane	1270	100	7.3	ug/kg	1280	ND	99	75-120	2
2,2-Dichloropropane	1260	100	8.4	ug/kg	1280	ND	99	65-120	3
2,3-Dichloropropane	1270	100	13	ug/kg	1280	ND	98	60-120	1

Matrix Spike Dup Analyzed: 12/07/2004 (P410807-MSD1)

Source: PNK0837-04

1,1-Dichloropropene	1360	100	6.9	ug/kg	1280	ND	106	70-125	9	15
cis-1,3-Dichloropropene	1260	100	17	ug/kg	1280	ND	98	75-120	4	15
trans-1,3-Dichloropropene	1240	100	8.0	ug/kg	1280	ND	97	70-120	2	15
Ethylbenzene	1230	100	8.0	ug/kg	1280	ND	96	75-120	5	15
Hexachlorobutadiene	1320	250	77	ug/kg	1280	ND	103	70-135	11	15
2-Hexanone	1020	1000	130	ug/kg	1280	ND	80	40-120	13	35
Iodomethane	1290	250	25	ug/kg	1280	ND	101	50-120	3	15
Isopropylbenzene	1210	100	9.8	ug/kg	1280	ND	95	75-120	6	15
p-Isopropyltoluene	1290	100	13	ug/kg	1280	ND	101	75-125	7	15
Methylene chloride	1390	500	60	ug/kg	1280	110	100	50-120	3	20
4-Methyl-2-pentanone (MIBK)	1030	1000	150	ug/kg	1280	ND	80	45-135	11	35
Methyl-tert-butyl Ether (MTBE)	1210	250	13	ug/kg	1280	ND	95	60-120	6	15
Naphthalene	1200	250	67	ug/kg	1280	ND	94	50-120	8	25
n-Propylbenzene	1330	100	11	ug/kg	1280	ND	104	70-125	7	15
Styrene	1260	100	9.0	ug/kg	1280	ND	98	75-120	2	15
1,1,1,1,2-Tetrachloroethane	1280	250	8.5	ug/kg	1280	ND	100	75-120	2	15
1,1,1,2,2-Tetrachloroethane	1240	100	11	ug/kg	1280	ND	97	60-120	13	30
Tetrachloroethene	1240	100	11	ug/kg	1280	ND	97	70-120	8	15
Toluene	1270	100	8.9	ug/kg	1280	ND	99	75-120	5	15
1,2,3-Trichlorobenzene	1250	250	60	ug/kg	1280	ND	98	60-125	8	15
1,2,4-Trichlorobenzene	1320	250	30	ug/kg	1280	ND	103	65-130	4	15
1,1,1-Trichloroethane	12750	100	6.2	ug/kg	1280	1400	105	70-120	0	15
1,1,1,2-Trichloroethane	1250	100	9.6	ug/kg	1280	ND	98	70-120	3	15
Trichloroethene	1190	100	11	ug/kg	1280	ND	93	70-125	7	15
Trichlorofluoromethane	1360	250	7.8	ug/kg	1280	ND	106	25-120	9	25
1,2,3-Trichloropropane	1200	500	10	ug/kg	1280	ND	94	55-130	11	25
1,2,4-Trimethylbenzene	1280	100	9.7	ug/kg	1280	ND	100	75-120	8	15
1,3,5-Trimethylbenzene	1310	100	10	ug/kg	1280	ND	102	75-125	6	15
Vinyl acetate	1140	1200	10	ug/kg	1280	ND	89	25-130	7	35
Vinyl chloride	7050	250	4.7	ug/kg	1280	ND	55	10-120	13	30
Xylenes, Total	4050	150	18	ug/kg	3830	ND	106	75-120	2	15
Surrogate: Dibromofluoromethane	1320			ug/kg	1280		103	70-120		
Surrogate: Toluene-d8	1270			ug/kg	1280		99	75-120		
Surrogate: 4-Bromofluorobenzene	1220			ug/kg	1280		95	75-120		



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6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source	%REC	RPD	Data
		Limit			Level	Level	Result	Limit	Qualifiers

Batch: P4L1007 Extracted: 12/01/04

Blank Analyzed: 12/10/2004 (P4L1007-BLK1)

Acetone	ND	1000	240	ug/kg					
Benzene	ND	50	14	ug/kg					
Bromobenzene	ND	250	7.7	ug/kg					
Bromochloromethane	ND	250	6.2	ug/kg					
Bromodichloromethane	ND	100	9.2	ug/kg					
Bromoforn	ND	250	8.3	ug/kg					
Bromonethane	ND	250	110	ug/kg					
2-Butanone (MEK)	ND	1000	240	ug/kg					
n-Butylbenzene	ND	250	18	ug/kg					
sec-Butylbenzene	ND	250	12	ug/kg					
tert-Butylbenzene	ND	250	11	ug/kg					
Carbon Disulfide	ND	500	8.0	ug/kg					
Carbon tetrachloride	ND	250	6.2	ug/kg					
Chlorobenzene	ND	50	7.7	ug/kg					
Chloroethane	ND	250	8.5	ug/kg					
Chloroform	ND	100	8.3	ug/kg					
Chloromethane	ND	250	10	ug/kg					
2-Chlorotoluene	ND	250	9.9	ug/kg					
4-Chlorotoluene	ND	250	8.6	ug/kg					
Dibromochloromethane	ND	100	8.2	ug/kg					
1,2-Dibromo-3-chloropropane	ND	250	65	ug/kg					
1,2-Dibromomethane (EDB)	ND	100	7.7	ug/kg					
Dibromomethane	ND	100	8.3	ug/kg					
1,2-Dichlorobenzene	ND	100	9.2	ug/kg					
1,3-Dichlorobenzene	ND	100	8.0	ug/kg					
1,4-Dichlorobenzene	ND	100	9.4	ug/kg					
Dichlorodifluoromethane	ND	250	11	ug/kg					
1,2-Dichloroethane	ND	100	6.9	ug/kg					
1,3-Dichloroethane	ND	50	7.8	ug/kg					
1,1-Dichloroethene	ND	250	7.5	ug/kg					
cis-1,2-Dichloroethene	ND	100	11	ug/kg					
trans-1,2-Dichloroethene	ND	100	11	ug/kg					
1,2-Dichloropropane	ND	100	7.3	ug/kg					
1,3-Dichloropropane	ND	100	8.4	ug/kg					
2,2-Dichloropropane	ND	100	13	ug/kg					

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source	%REC	RPD	Data
		Limit			Level	Level	Result	Limit	Qualifiers

Batch: P4L1007 Extracted: 12/01/04

Blank Analyzed: 12/10/2004 (P4L1007-BLK1)

1,1-Dichloropropene	ND	100	6.9	ug/kg					
cis-1,3-Dichloropropene	ND	100	17	ug/kg					
trans-1,3-Dichloropropene	ND	100	8.0	ug/kg					
Ethylbenzene	ND	100	8.0	ug/kg					
Hexachlorobutadiene	ND	250	77	ug/kg					
2-Hexanone	ND	1000	130	ug/kg					
Iodomethane	ND	250	25	ug/kg					
Isopropylbenzene	ND	100	9.8	ug/kg					
p-Isopropyltoluene	ND	100	13	ug/kg					
Methylene chloride	67.2	500	60	ug/kg					
4-Methyl-2-pentanone (MIBK)	ND	1000	150	ug/kg					
Methyl-tert-butyl Ether (MTBE)	ND	250	13	ug/kg					
Naphthalene	ND	250	67	ug/kg					
n-Propylbenzene	ND	100	11	ug/kg					
Styrene	ND	100	9.0	ug/kg					
1,1,1,2-Tetrachloroethane	ND	250	8.5	ug/kg					
1,1,2,2-Tetrachloroethane	ND	100	11	ug/kg					
Tetrachloroethene	ND	100	11	ug/kg					
Toluene	ND	100	8.9	ug/kg					
1,2,3-Trichlorobenzene	ND	250	60	ug/kg					
1,2,4-Trichlorobenzene	ND	250	30	ug/kg					
1,1,1-Trichloroethane	46.5	100	6.2	ug/kg					
1,1,2-Trichloroethane	ND	100	9.6	ug/kg					
Trichloroethene	ND	100	11	ug/kg					
Trichlorofluoromethane	ND	250	7.8	ug/kg					
1,2,3-Trichloropropane	ND	500	10	ug/kg					
1,2,4-Trichlorobenzene	ND	100	9.7	ug/kg					
1,3,5-Trimethylbenzene	ND	100	10	ug/kg					
Vinyl acetate	ND	1200	10	ug/kg					
Vinyl chloride	ND	250	4.7	ug/kg					
Xylenes, Total	ND	150	18	ug/kg					
Surrogate: Dibromofluoromethane	1210			ug/kg			1250	97	70-120
Surrogate: Toluene-d8	1280			ug/kg			1250	102	75-120
Surrogate: 4-Bromofluorobenzene	1270			ug/kg			1250	102	75-120

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Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 786-3620 FAX (702) 786-3621

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Batch: P4L1007 Extracted: 12/01/04									

LCS Analyzed: 12/10/2004 (P4L1007-BS1)

Acetone	1020	1000	240	ug/kg	1250	82	15-120		
Benzene	1240	50	14	ug/kg	1250	99	80-120		
Bromobenzene	1340	250	7.7	ug/kg	1250	107	80-120		
Bromochloromethane	1260	250	6.2	ug/kg	1250	101	80-120		
Bromodichloromethane	1230	100	9.2	ug/kg	1250	98	80-120		
Bromoforn	1120	250	8.3	ug/kg	1250	90	65-120		
Bromomethane	1030	250	110	ug/kg	1250	82	25-120		
2-Butanone (MEK)	1160	1000	240	ug/kg	1250	93	45-125		
n-Butylbenzene	1300	250	18	ug/kg	1250	104	80-130		
sec-Butylbenzene	1410	250	12	ug/kg	1250	113	80-130		
tert-Butylbenzene	1380	250	11	ug/kg	1250	110	80-130		
Carbon Disulfide	1250	500	8.0	ug/kg	1250	100	50-120		
Carbon tetrachloride	1260	250	6.2	ug/kg	1250	101	80-125		
Chlorobenzene	1280	50	7.7	ug/kg	1250	102	80-120		
Chloroethane	1070	250	8.5	ug/kg	1250	86	20-120		
Chloroform	1240	100	8.3	ug/kg	1250	99	80-120		
Chloromethane	1280	250	10	ug/kg	1250	102	45-120		
2-Chlorotoluene	1340	250	9.9	ug/kg	1250	107	80-120		
4-Chlorotoluene	1360	250	8.6	ug/kg	1250	109	80-125		
Dibromochloromethane	1130	100	8.2	ug/kg	1250	90	75-120		
1,2-Dibromo-3-chloropropane	1010	250	65	ug/kg	1250	81	50-120		
1,2-Dibromomethane (EDB)	1220	100	7.7	ug/kg	1250	98	75-125		
Dibromomethane	1230	100	8.3	ug/kg	1250	98	80-120		
1,2-Dichlorobenzene	1310	100	9.2	ug/kg	1250	105	80-120		
1,3-Dichlorobenzene	1340	100	8.0	ug/kg	1250	107	80-120		
1,4-Dichlorobenzene	1300	100	9.4	ug/kg	1250	104	80-120		
Dichlorodifluoromethane	1390	250	11	ug/kg	1250	111	20-120		
1,1-Dichloroethane	1270	100	6.9	ug/kg	1250	102	80-120		
1,2-Dichloroethane	1200	50	7.8	ug/kg	1250	96	75-120		
1,1-Dichloroethene	1220	250	7.5	ug/kg	1250	98	65-120		
cis-1,2-Dichloroethene	1280	100	11	ug/kg	1250	102	80-120		
trans-1,2-Dichloroethene	1260	100	11	ug/kg	1250	101	80-120		
1,2-Dichloropropane	1280	100	7.3	ug/kg	1250	102	80-120		
1,3-Dichloropropane	1200	100	8.4	ug/kg	1250	96	80-120		
2,2-Dichloropropane	1210	100	13	ug/kg	1250	97	80-120		

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Linda Eshelman

Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Batch: P4L1007 Extracted: 12/01/04									

LCS Analyzed: 12/10/2004 (P4L1007-BS1)

1,1-Dichloropropane	1390	100	6.9	ug/kg	1250	111	80-120		
cis-1,3-Dichloropropane	1260	100	17	ug/kg	1250	101	80-120		
trans-1,3-Dichloropropane	1200	100	8.0	ug/kg	1250	96	80-120		
Ethylbenzene	1260	100	8.0	ug/kg	1250	101	80-120		
Hexachlorobutadiene	1410	250	77	ug/kg	1250	113	80-140		
2-Hexanone	1110	1000	130	ug/kg	1250	89	50-120		
Iodomethane	1290	250	25	ug/kg	1250	103	60-120		
Isopropylbenzene	1290	100	9.8	ug/kg	1250	103	80-125		
p-Isopropyltoluene	1350	100	13	ug/kg	1250	108	80-130		
Methylene chloride	1180	500	60	ug/kg	1250	94	60-120		
4-Methyl-2-pentanone (MIBK)	1150	1000	150	ug/kg	1250	92	50-120		
Methyl-tert-butyl Ether (MTBE)	1230	250	13	ug/kg	1250	98	75-120		
Naphthalene	1260	250	67	ug/kg	1250	101	60-120		
n-Propylbenzene	1400	100	11	ug/kg	1250	112	80-130		
Styrene	1300	100	9.0	ug/kg	1250	104	80-125		
1,1,1,2-Tetrachloroethane	1330	250	8.5	ug/kg	1250	106	80-120		
1,1,2,2-Tetrachloroethane	1250	100	11	ug/kg	1250	100	60-120		
Tetrachloroethene	1250	100	11	ug/kg	1250	100	80-120		
Toluene	1260	100	8.9	ug/kg	1250	101	80-120		
1,2,3-Trichlorobenzene	1290	250	60	ug/kg	1250	103	70-130		
1,2,4-Trichlorobenzene	1380	250	30	ug/kg	1250	110	75-135		
1,1,1-Trichloroethane	1300	100	6.2	ug/kg	1250	104	80-120		
1,1,2-Trichloroethane	1200	100	9.6	ug/kg	1250	96	75-120		
Trichloroethene	1270	100	11	ug/kg	1250	102	80-120		
Trichlorofluoromethane	1270	250	7.8	ug/kg	1250	102	30-130		
1,2,3-Trichloropropane	1210	500	10	ug/kg	1250	97	60-120		
1,2,4-Trimethylbenzene	1350	100	9.7	ug/kg	1250	108	80-120		
1,3,5-Trimethylbenzene	1370	100	10	ug/kg	1250	110	80-130		
Vinyl acetate	1240	1200	10	ug/kg	1250	99	30-120		
Vinyl chloride	605	250	4.7	ug/kg	1250	48	10-120		
Xylenes, Total	4030	150	18	ug/kg	3750	107	80-120		
Surrogate: Dibromofluoromethane	1290			ug/kg	1250	103	70-120		
Surrogate: Toluene-d8	1290			ug/kg	1250	103	75-120		
Surrogate: 4-Bromofluorobenzene	1290			ug/kg	1250	103	75-120		

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Project Manager

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Basin & Range Hydrogeologists

Project ID: 24018.004/Air Liquide

6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251

Report Number: PNK0837

Attention: Amy Wolkowinsky

Sampled: 11/30/04

Received: 11/30/04

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3520 FAX (702) 798-3521

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: P4L1007 Extracted: 12/01/04										
LCS Dup Analyzed: 12/10/2004 (P4L1007-RSD1)										
Acetone	1040	1000	240	ug/kg	1250	83	15-120	2	35	
Benzene	1240	50	14	ug/kg	1250	99	80-120	0	15	
Bromobenzene	1330	250	7.7	ug/kg	1250	106	80-120	1	15	
Bromochloromethane	1250	250	6.2	ug/kg	1250	100	80-120	1	15	
Bromodichloromethane	1240	100	9.2	ug/kg	1250	99	80-120	1	15	
Bromoform	1110	250	8.3	ug/kg	1250	89	65-120	1	15	
Bromonitroethane	1230	250	110	ug/kg	1250	98	25-120	18	35	
2-Butanone (MEK)	1160	1000	240	ug/kg	1250	93	45-125	0	30	
n-Butylbenzene	1300	250	18	ug/kg	1250	104	80-130	0	15	
sec-Butylbenzene	1380	250	12	ug/kg	1250	110	80-130	0	15	
tert-Butylbenzene	1380	250	11	ug/kg	1250	110	80-130	0	15	
Carbon Disulfide	1280	500	8.0	ug/kg	1250	102	50-120	2	15	
Carbon tetrachloride	1240	250	6.2	ug/kg	1250	99	80-125	2	15	
Chlorobenzene	1290	50	7.7	ug/kg	1250	103	80-120	1	15	
Chloroethane	1260	250	8.5	ug/kg	1250	101	20-120	16	35	
Chloroform	1230	100	8.3	ug/kg	1250	98	80-120	1	15	
Chloromethane	1370	250	10	ug/kg	1250	110	45-120	7	20	
2-Chlorotoluene	1340	250	9.9	ug/kg	1250	107	80-120	0	15	
4-Chlorotoluene	1360	250	8.6	ug/kg	1250	109	80-125	0	15	
Dibromodichloromethane	1110	100	8.2	ug/kg	1250	89	75-120	2	15	
1,2-Dibromo-3-chloropropane	1050	250	65	ug/kg	1250	84	50-120	4	25	
1,2-Dibromomethane (EDH)	1240	100	7.7	ug/kg	1250	99	75-125	2	15	
Dibromomethane	1250	100	8.3	ug/kg	1250	100	80-120	2	15	
1,2-Dichlorobenzene	1320	100	9.2	ug/kg	1250	106	80-120	1	15	
1,3-Dichlorobenzene	1330	100	8.0	ug/kg	1250	106	80-120	1	15	
1,4-Dichlorobenzene	1300	100	9.4	ug/kg	1250	104	80-120	0	15	
Dichlorodifluoromethane	1460	250	11	ug/kg	1250	117	20-120	5	20	
1,1-Dichloroethane	1270	100	6.9	ug/kg	1250	102	80-120	0	15	
1,2-Dichloroethane	1210	50	7.8	ug/kg	1250	97	75-120	1	15	
1,1-Dichloroethene	1240	250	7.5	ug/kg	1250	99	65-120	2	20	
cis-1,2-Dichloroethene	1280	100	11	ug/kg	1250	102	80-120	0	15	
trans-1,2-Dichloroethene	1260	100	11	ug/kg	1250	101	80-120	0	15	
1,2-Dichloropropane	1290	100	7.3	ug/kg	1250	103	80-120	1	15	
1,3-Dichloropropane	1210	100	8.4	ug/kg	1250	97	80-120	1	15	
2,2-Dichloropropane	1210	100	13	ug/kg	1250	97	80-120	0	15	

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Project Manager

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Basin & Range Hydrogeologists

Project ID: 24018.004/Air Liquide

6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251

Report Number: PNK0837

Attention: Amy Wolkowinsky

Sampled: 11/30/04

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: P4L1007 Extracted: 12/01/04										
LCS Dup Analyzed: 12/10/2004 (P4L1007-RSD1)										
1,1-Dichloropropene	1400	100	6.9	ug/kg	1250	112	80-120	1	15	
cis-1,3-Dichloropropene	1280	100	17	ug/kg	1250	102	80-120	2	15	
trans-1,3-Dichloropropene	1240	100	8.0	ug/kg	1250	99	80-120	3	15	
Ethylbenzene	1260	100	8.0	ug/kg	1250	101	80-120	0	15	
Hexachlorobutadiene	1420	250	77	ug/kg	1250	114	80-140	1	15	
2-Hexanone	1130	1000	130	ug/kg	1250	90	50-120	2	35	
Iodomethane	1310	250	25	ug/kg	1250	105	60-120	2	20	
Isopropylbenzene	1290	100	9.8	ug/kg	1250	103	80-125	0	15	
p-Isopropyltoluene	1330	100	13	ug/kg	1250	106	80-130	1	15	
Methylene chloride	1190	500	60	ug/kg	1250	95	60-120	1	15	
4-Methyl-2-pentanone (MIBK)	1180	1000	150	ug/kg	1250	94	50-120	3	30	
Methyl-tert-butyl Ether (MTBE)	1260	250	13	ug/kg	1250	101	75-120	2	20	
Naphthalene	1220	250	67	ug/kg	1250	98	60-120	3	20	
n-Propylbenzene	1380	100	11	ug/kg	1250	110	80-130	1	15	
Styrene	1290	100	9.0	ug/kg	1250	103	80-125	1	15	
1,1,1,2-Tetrachloroethane	1290	250	8.5	ug/kg	1250	103	80-120	3	15	
1,1,2,2-Tetrachloroethane	1250	100	11	ug/kg	1250	100	60-120	0	20	
Tetrachloroethene	1250	100	11	ug/kg	1250	100	80-120	0	15	
Toluene	1270	100	8.9	ug/kg	1250	102	80-120	1	15	
1,2,3-Trichlorobenzene	1280	250	60	ug/kg	1250	102	70-130	1	15	
1,2,4-Trichlorobenzene	1370	250	30	ug/kg	1250	110	75-135	1	15	
1,1,1-Trichloroethane	1300	100	6.2	ug/kg	1250	104	80-120	0	15	
1,1,2-Trichloroethane	1240	100	9.6	ug/kg	1250	99	75-120	3	15	
Trichloroethene	1270	100	11	ug/kg	1250	102	80-120	0	15	
Trichlorofluoromethane	1250	250	7.8	ug/kg	1250	103	30-130	2	20	
1,2,3-Trichloropropane	1220	500	10	ug/kg	1250	98	60-120	1	20	
1,2,4-Trimethylbenzene	1320	100	9.7	ug/kg	1250	106	80-120	2	15	
1,3,5-Trimethylbenzene	1350	100	10	ug/kg	1250	108	80-130	1	15	
Vinyl acetate	1190	1200	100	ug/kg	1250	95	30-120	4	35	E4
Vinyl chloride	396	250	4.7	ug/kg	1250	32	10-120	42	35	R6
Xylenes, Total	4030	150	18	ug/kg	1250	107	80-120	0	15	
Surrogate: Dibromofluoromethane	1290			ug/kg	3750	103	70-130			
Surrogate: Toluene-d8	1300			ug/kg	1250	104	75-120			
Surrogate: 4-Bromofluorobenzene	1280			ug/kg	1250	102	75-120			

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source	%REC	Limit	RPD	Data
Batch: P4L1007 Extracted: 11/30/04										
Matrix Spike Analyzed: 12/10/2004 (P4L1007-MS1)										
Acetone	1150	1000	240	ug/kg	1270	ND	91	15-120		
Benzene	1210	50	14	ug/kg	1270	ND	95	70-120		
Bromobenzene	1280	250	7.7	ug/kg	1270	ND	101	70-120		
Bromochloromethane	1260	250	6.2	ug/kg	1270	ND	99	70-120		
Bromodichloromethane	1250	100	9.2	ug/kg	1270	ND	98	70-120		
Bromofom	1150	250	8.3	ug/kg	1270	ND	91	55-120		
Bromomethane	1180	250	110	ug/kg	1270	ND	93	20-120		
2-Butanone (MEK)	1330	1000	240	ug/kg	1270	ND	105	40-120		
n-Butylbenzene	1220	250	18	ug/kg	1270	ND	96	75-130		
sec-Butylbenzene	1290	250	12	ug/kg	1270	ND	102	75-125		
tert-Butylbenzene	1290	250	11	ug/kg	1270	ND	102	75-125		
Carbon Disulfide	1230	500	8.0	ug/kg	1270	ND	97	45-120		
Carbon tetrachloride	1250	250	6.2	ug/kg	1270	ND	98	75-120		
Chlorobenzene	1270	50	7.7	ug/kg	1270	ND	100	75-120		
Chloroethane	1210	250	8.5	ug/kg	1270	ND	95	20-120		
Chloroform	1230	100	8.3	ug/kg	1270	ND	97	70-120		
Chloromethane	1410	250	10	ug/kg	1270	ND	111	35-120		
2-Chlorotoluene	1250	250	9.9	ug/kg	1270	ND	98	75-120		
4-Chlorotoluene	1270	250	8.6	ug/kg	1270	ND	100	75-120		
Dibromochloromethane	1170	100	8.2	ug/kg	1270	ND	92	70-120		
1,2-Dichloro-3-chloropropane	1260	250	65	ug/kg	1270	ND	99	50-130		
1,2-Dichloroethane (EDB)	1330	100	7.7	ug/kg	1270	ND	105	65-125		
Dibromomethane	1290	100	8.3	ug/kg	1270	ND	102	70-120		
1,2-Dichlorobenzene	1290	100	9.2	ug/kg	1270	ND	102	75-120		
1,3-Dichlorobenzene	1280	100	8.0	ug/kg	1270	ND	101	75-120		
1,4-Dichlorobenzene	1260	100	9.4	ug/kg	1270	ND	99	80-120		
Dichlorodifluoromethane	1440	250	11	ug/kg	1270	ND	113	10-120		
1,1-Dichloroethane	2030	100	6.9	ug/kg	1270	750	101	70-120		
1,2-Dichloroethane	1270	50	7.8	ug/kg	1270	ND	100	70-120		
1,1-Dichloroethane	1380	250	7.5	ug/kg	1270	ND	99	50-120		
cis-1,2-Dichloroethane	1250	100	11	ug/kg	1270	ND	98	70-120		
trans-1,2-Dichloroethane	1230	100	11	ug/kg	1270	ND	97	65-120		
1,3-Dichloropropane	1300	100	8.4	ug/kg	1270	ND	102	65-120		
2,2-Dichloropropane	1130	100	13	ug/kg	1270	ND	89	60-120		

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source	%REC	Limit	RPD	Data
Batch: P4L1007 Extracted: 11/30/04										
Matrix Spike Analyzed: 12/10/2004 (P4L1007-MS1)										
1,1-Dichloropropene	1360	100	6.9	ug/kg	1270	ND	107	70-125		
cis-1,3-Dichloropropene	1280	100	17	ug/kg	1270	ND	101	75-120		
trans-1,3-Dichloropropene	1290	100	8.0	ug/kg	1270	ND	102	70-120		
Ethylbenzene	1240	100	8.0	ug/kg	1270	ND	98	75-120		
Hexachlorobutadiene	1270	250	77	ug/kg	1270	ND	100	70-135		
2-Hexanone	1360	1000	130	ug/kg	1270	ND	107	40-120		
Iodomethane	1290	250	25	ug/kg	1270	ND	102	50-120		
Isopropylbenzene	1190	100	9.8	ug/kg	1270	ND	94	75-120		
p-Isopropyltoluene	1260	100	13	ug/kg	1270	ND	99	75-125		
Methylene chloride	1230	500	60	ug/kg	1270	87	90	50-120		
4-Methyl-2-pentanone (MIBK)	1360	1000	150	ug/kg	1270	ND	107	45-135		
Methyl-tert-butyl Ether (MTBE)	1340	250	13	ug/kg	1270	ND	106	60-120		
Naphthalene	1260	250	67	ug/kg	1270	ND	99	50-120		
n-Propylbenzene	1300	100	11	ug/kg	1270	ND	102	70-125		
Styrene	1270	100	9.0	ug/kg	1270	ND	100	75-120		
1,1,1,2-Tetrachloroethane	1310	250	8.5	ug/kg	1270	ND	103	75-120		
1,1,2,2-Tetrachloroethane	1340	100	11	ug/kg	1270	ND	106	60-120		
Tetrachloroethene	1280	100	11	ug/kg	1270	ND	101	70-120		
Toluene	1250	100	8.9	ug/kg	1270	ND	98	75-120		
1,2,3-Trichlorobenzene	1220	250	60	ug/kg	1270	ND	96	60-125		
1,2,4-Trichlorobenzene	1280	250	30	ug/kg	1270	ND	101	65-130		
1,1,1-Trichloroethane	11200	100	6.2	ug/kg	1270	9600	126	70-120		
1,1,2-Trichloroethane	1290	100	9.6	ug/kg	1270	ND	102	70-120		
Trichloroethene	1260	100	11	ug/kg	1270	ND	99	70-125		
Trichlorofluoromethane	1280	250	7.8	ug/kg	1270	ND	101	25-120		
1,2,3-Trichloropropane	1310	500	10	ug/kg	1270	ND	103	55-130		
1,2,4-Trimethylbenzene	1250	100	9.7	ug/kg	1270	ND	98	75-120		
1,3,5-Trimethylbenzene	1260	100	10	ug/kg	1270	ND	99	75-125		
Vinyl acetate	1340	1200	10	ug/kg	1270	ND	106	25-130		
Vinyl chloride	385	250	4.7	ug/kg	1270	ND	30	10-120		
Xylenes, Total	3960	150	18	ug/kg	3810	ND	104	75-120		
Surrogate: Dibromofluoromethane	1340			ug/kg	1270		106	70-120		
Surrogate: Toluene-d8	1330			ug/kg	1270		105	75-120		
Surrogate: 4-Bromofluorobenzene	1320			ug/kg	1270		104	75-120		

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Linda Eshelman

Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Sampled: 11/30/04

Received: 11/30/04

Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottdale, AZ 85251

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Limit	Data Qualifiers	
Batch: P4L1007 Extracted: 11/30/04											
Matrix Spike Dup Analyzed: 12/10/2004 (P4L1007-MSD1)											
Source: PNK0837-20											
Acetone	1180	1000	240	ug/kg	1270	ND	93	15-120	3	30	
Benzene	1280	50	14	ug/kg	1270	ND	101	70-120	6	15	
Bromobenzene	1330	250	7.7	ug/kg	1270	ND	105	70-120	4	15	
Bromochloromethane	1330	250	6.2	ug/kg	1270	ND	105	70-120	5	15	
Bromodichloromethane	1300	100	9.2	ug/kg	1270	ND	102	70-120	4	15	
Bromoforn	1180	250	8.3	ug/kg	1270	ND	93	55-120	3	15	
Bromonitrobenzene	1180	250	110	ug/kg	1270	ND	93	20-120	0	30	
n-Butylbenzene	1350	1000	240	ug/kg	1270	ND	106	40-120	1	35	
sec-Butylbenzene	1300	250	18	ug/kg	1270	ND	102	75-130	6	15	
tert-Butylbenzene	1360	250	12	ug/kg	1270	ND	109	75-125	7	15	
Carbon-Butylbenzene	1360	250	11	ug/kg	1270	ND	107	75-125	5	15	
Carbon Disulfide	1280	500	8.0	ug/kg	1270	ND	101	45-120	4	15	
Carbon tetrachloride	1320	250	6.2	ug/kg	1270	ND	104	75-120	5	15	
Chlorobenzene	1320	50	7.7	ug/kg	1270	ND	104	75-120	4	15	
Chloroethane	1220	250	8.5	ug/kg	1270	ND	96	20-120	1	35	
Chloroform	1280	100	8.3	ug/kg	1270	ND	101	70-120	4	15	
Chloromethane	1430	250	10	ug/kg	1270	ND	113	35-120	1	20	
1,2-Dichlorobenzene	1340	250	9.9	ug/kg	1270	ND	106	75-120	7	15	
1,4-Chlorotoluene	1370	250	8.6	ug/kg	1270	ND	108	75-120	8	15	
Dibromochloromethane	1220	100	8.2	ug/kg	1270	ND	96	70-120	4	15	
1,2-Dibromo-3-chloropropane	1280	250	65	ug/kg	1270	ND	101	50-130	2	30	
1,2-Dibromomethane (EDB)	1350	100	7.7	ug/kg	1270	ND	106	65-125	1	15	
Dibromomethane	1340	100	8.3	ug/kg	1270	ND	106	70-120	4	15	
1,2-Dichlorobenzene	1350	100	9.2	ug/kg	1270	ND	106	75-120	5	15	
1,3-Dichlorobenzene	1370	100	8.0	ug/kg	1270	ND	108	75-120	7	15	
1,4-Dichlorobenzene	1340	100	9.4	ug/kg	1270	ND	106	80-120	6	15	
Dichlorodifluoromethane	1460	250	11	ug/kg	1270	ND	115	10-120	1	25	
1,1-Dichloroethane	2090	100	6.9	ug/kg	1270	750	106	70-120	3	15	
1,2-Dichloroethane	1290	50	7.8	ug/kg	1270	ND	102	70-120	2	15	
1,1-Dichloroethene	1430	250	7.5	ug/kg	1270	120	103	50-120	4	20	
cis-1,2-Dichloroethene	1330	100	11	ug/kg	1270	ND	105	70-120	6	15	
trans-1,2-Dichloroethene	1280	100	11	ug/kg	1270	ND	101	65-120	4	15	
1,2-Dichloropropane	1340	100	7.3	ug/kg	1270	ND	106	75-120	5	15	
1,3-Dichloropropane	1340	100	8.4	ug/kg	1270	ND	106	65-120	3	15	
2,2-Dichloropropane	1180	100	13	ug/kg	1270	ND	93	60-120	3	15	

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	RPD Limit	Data Qualifiers
Batch: P4L1007 Extracted: 11/30/04										
Matrix Spike Dup Analyzed: 12/10/2004 (P4L1007-MSD1)										
1,1-Dichloropropane	1450	100	6.9	ug/kg	1270	ND	114	70-125	6	15
cis-1,3-Dichloropropene	1330	100	17	ug/kg	1270	ND	105	75-120	4	15
trans-1,3-Dichloropropene	1320	100	8.0	ug/kg	1270	ND	104	70-120	2	15
Ethylbenzene	1290	100	8.0	ug/kg	1270	ND	102	75-120	4	15
Hexachlorobutadiene	1340	250	77	ug/kg	1270	ND	106	70-135	5	15
2-Hexanone	1300	1000	130	ug/kg	1270	ND	108	40-120	1	35
Iodomethane	1340	250	25	ug/kg	1270	ND	106	50-120	4	15
Isopropylbenzene	1260	100	9.8	ug/kg	1270	ND	99	75-120	6	15
p-Isopropyltoluene	1340	100	13	ug/kg	1270	ND	106	75-125	6	15
Methylcyclohexane	1270	500	60	ug/kg	1270	87	93	50-120	3	20
Methyl-2-pentanone (MIBK)	1380	1000	150	ug/kg	1270	ND	109	45-135	1	35
Methyl-tert-butyl Ether (MTBE)	1380	250	13	ug/kg	1270	ND	109	60-120	3	15
Naphthalene	1320	250	67	ug/kg	1270	ND	104	50-120	5	25
n-Propylbenzene	1380	100	11	ug/kg	1270	ND	109	70-125	6	15
Styrene	1330	100	9.0	ug/kg	1270	ND	105	75-120	5	15
1,1,1,2-Tetrachloroethane	1370	250	8.5	ug/kg	1270	ND	108	75-120	4	15
1,1,2,2-Tetrachloroethane	1380	100	11	ug/kg	1270	ND	109	60-120	3	30
Tetrachloroethene	1340	100	11	ug/kg	1270	ND	106	70-120	5	15
Toluene	1310	100	8.9	ug/kg	1270	ND	103	75-120	5	15
1,2,3-Trichlorobenzene	1270	250	60	ug/kg	1270	ND	100	60-125	4	15
1,2,4-Trichlorobenzene	1340	250	30	ug/kg	1270	ND	106	65-130	5	15
1,1,1-Trichloroethane	11000	100	6.2	ug/kg	1270	9600	110	70-120	2	15
1,1,2-Trichloroethane	1330	100	9.6	ug/kg	1270	ND	105	70-120	3	15
Trichloroethene	1310	100	11	ug/kg	1270	ND	103	70-125	4	15
Trichlorofluoromethane	1320	250	7.8	ug/kg	1270	ND	104	25-120	3	25
1,2,3-Trichloropropane	1360	500	10	ug/kg	1270	ND	107	55-130	4	25
1,2,4-Trimethylbenzene	1330	100	9.7	ug/kg	1270	ND	105	75-120	6	15
1,3,5-Trimethylbenzene	1340	100	10	ug/kg	1270	ND	106	75-125	6	15
Vinyl acetate	1370	1200	10	ug/kg	1270	ND	108	25-130	2	35
Vinyl chloride	426	250	4.7	ug/kg	1270	ND	34	10-120	10	30
Xylenes, Total	4140	150	18	ug/kg	3810	ND	109	75-120	4	15
Surrogate: Dibromofluoromethane	1330	100	11	ug/kg	1270	ND	105	70-120	4	15
Surrogate: Toluene-d8	1320	100	11	ug/kg	1270	ND	104	75-120	3	15
Surrogate: 4-Bromofluorobenzene	1290	100	11	ug/kg	1270	ND	102	75-120	4	15

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Basin & Range Hydrogeologists

Project ID: 24018.004/Air Liquide

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Sampled: 11/30/04

Scottsdale, AZ 85251

Received: 11/30/04

Attention: Amy Wolkowinsky

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	Limit	RPD	Data Qualifiers
Batch: P4L1301 Extracted: 12/01/04										

Blank Analyzed: 12/11/2004 (P4L1301-BLK1)

Acetone	ND	1000	240	ug/kg						
Benzene	ND	50	14	ug/kg						
Bromobenzene	ND	250	7.7	ug/kg						
Bromochloromethane	ND	250	6.2	ug/kg						
Bromodichloromethane	ND	100	9.2	ug/kg						
Bromoform	ND	250	8.3	ug/kg						
Bromomethane	ND	250	110	ug/kg						
2-Butanone (MEK)	ND	1000	240	ug/kg						
n-Butylbenzene	ND	250	18	ug/kg						
sec-Butylbenzene	ND	250	12	ug/kg						
tert-Butylbenzene	ND	250	11	ug/kg						
Carbon Disulfide	ND	500	8.0	ug/kg						
Carbon tetrachloride	ND	250	6.2	ug/kg						
Chlorobenzene	ND	50	7.7	ug/kg						
Chloroethane	ND	250	8.5	ug/kg						
Chloroform	ND	100	8.3	ug/kg						
Chloromethane	ND	250	10	ug/kg						
2-Chlorotoluene	ND	250	9.9	ug/kg						
4-Chlorotoluene	ND	250	8.6	ug/kg						
Dibromochloromethane	ND	100	8.2	ug/kg						
1,2-Dibromo-3-chloropropane	ND	250	65	ug/kg						
1,2-Dichloroethane (EDB)	ND	100	7.7	ug/kg						
Dibromomethane	ND	100	8.3	ug/kg						
1,2-Dichlorobenzene	ND	100	9.2	ug/kg						
1,3-Dichlorobenzene	ND	100	8.0	ug/kg						
1,4-Dichlorobenzene	ND	100	9.4	ug/kg						
Dichlorodifluoromethane	ND	250	11	ug/kg						
1,1-Dichloroethane	ND	100	6.9	ug/kg						
1,2-Dichloroethane	ND	50	7.8	ug/kg						
1,1-Dichloroethene	ND	250	7.5	ug/kg						
cis-1,2-Dichloroethene	ND	100	11	ug/kg						
trans-1,2-Dichloroethene	ND	100	11	ug/kg						
1,2-Dichloropropane	ND	100	7.3	ug/kg						
1,3-Dichloropropane	ND	100	8.4	ug/kg						
2,2-Dichloropropane	ND	100	13	ug/kg						

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Project Manager

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	Limit	RPD	Data Qualifiers
Batch: P4L1301 Extracted: 12/01/04										

Blank Analyzed: 12/11/2004 (P4L1301-BLK1)

1,1-Dichloropropane	ND	100	6.9	ug/kg						
cis-1,3-Dichloropropene	ND	100	17	ug/kg						
trans-1,3-Dichloropropene	ND	100	8.0	ug/kg						
Ethylbenzene	ND	100	8.0	ug/kg						
Hexachlorobutadiene	ND	250	77	ug/kg						
2-Hexanone	ND	1000	130	ug/kg						
Iodomethane	ND	250	25	ug/kg						
Isopropylbenzene	ND	100	9.8	ug/kg						
p-Isopropyltoluene	ND	100	13	ug/kg						
Methylene chloride	ND	500	60	ug/kg						
4-Methyl-2-pentanone (MIBK)	ND	1000	150	ug/kg						
Methyl-tert-butyl Ether (MTBE)	ND	250	13	ug/kg						
Naphthalene	ND	250	67	ug/kg						
n-Propylbenzene	ND	100	11	ug/kg						
Styrene	ND	100	9.0	ug/kg						
1,1,1,2-Tetrachloroethane	ND	250	8.5	ug/kg						
1,1,2,2-Tetrachloroethane	ND	100	11	ug/kg						
Tetrachloroethene	ND	100	11	ug/kg						
Toluene	ND	100	8.9	ug/kg						
1,2,3-Trichlorobenzene	ND	250	60	ug/kg						
1,2,4-Trichlorobenzene	ND	250	30	ug/kg						
1,1,1-Trichloroethane	ND	100	6.2	ug/kg						
1,1,2-Trichloroethane	ND	100	9.6	ug/kg						
Trichloroethene	ND	100	11	ug/kg						
Trichlorofluoromethane	ND	250	7.8	ug/kg						
1,2,3-Trichloropropane	ND	500	10	ug/kg						
1,2,4-Trimethylbenzene	ND	100	9.7	ug/kg						
1,3,5-Trimethylbenzene	ND	100	10	ug/kg						
Vinyl acetate	ND	1200	10	ug/kg						
Vinyl chloride	ND	250	4.7	ug/kg						
Xylenes, Total	ND	150	18	ug/kg						
Surrogate: Dibromofluoromethane	1270			ug/kg	1250				102	70-120
Surrogate: Toluene-d8	1290			ug/kg	1250				103	75-120
Surrogate: 4-Bromofluorobenzene	1300			ug/kg	1250				104	75-120

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Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: P4L1301 Extracted: 12/01/04										
LCS Analyzed: 12/11/2004 (P4L1301-BS1)										
Acetone	829	1000	240	ug/kg	1250	66	15-120			E4
Benzene	1150	50	14	ug/kg	1250	92	80-120			
Bromobenzene	1200	250	7.7	ug/kg	1250	96	80-120			
Bromochloromethane	1130	250	6.2	ug/kg	1250	90	80-120			
Bromodichloromethane	1120	100	9.2	ug/kg	1250	77	65-120			
Bromoform	959	250	8.3	ug/kg	1250	87	25-120			
Bromonitrobenzene	1090	250	110	ug/kg	1250	77	45-125			
2-Butanone (MEK)	967	1000	240	ug/kg	1250	99	80-130			
n-Butylbenzene	1240	250	18	ug/kg	1250	105	80-130			
sec-Butylbenzene	1310	250	12	ug/kg	1250	103	80-130			
tert-Butylbenzene	1290	250	11	ug/kg	1250	94	50-120			
Carbon Disulfide	1170	500	8.0	ug/kg	1250	93	80-125			
Carbon tetrachloride	1190	250	6.2	ug/kg	1250	97	80-120			
Chlorobenzene	1210	50	7.7	ug/kg	1250	90	20-120			
Chloroethane	1120	250	8.5	ug/kg	1250	92	80-120			
Chloroform	1150	100	8.3	ug/kg	1250	104	45-120			
Chloromethane	1300	250	10	ug/kg	1250	101	80-120			
2-Chlorotoluene	1260	250	9.9	ug/kg	1250	83	75-120			
4-Chlorotoluene	1260	250	8.6	ug/kg	1250	88	80-120			
Dibromochloromethane	1040	100	8.2	ug/kg	1250	98	80-120			
1,2-Dibromo-3-chloropropane	912	250	65	ug/kg	1250	73	50-120			
1,2-Dibromomethane (EDB)	1120	100	7.7	ug/kg	1250	90	75-125			
Dibromomethane	1100	100	8.3	ug/kg	1250	98	80-120			
1,2-Dichlorobenzene	1230	100	9.2	ug/kg	1250	98	80-120			
1,3-Dichlorobenzene	1250	100	8.0	ug/kg	1250	100	80-120			
1,4-Dichlorobenzene	1230	100	9.4	ug/kg	1250	98	80-120			
Dichlorodifluoromethane	1340	250	11	ug/kg	1250	107	20-120			
1,1-Dichloroethane	1190	100	6.9	ug/kg	1250	95	80-120			
1,2-Dichloroethane	1100	50	7.8	ug/kg	1250	88	75-120			
1,1-Dichloroethene	1170	250	7.5	ug/kg	1250	94	65-120			
cis-1,2-Dichloroethene	1210	100	11	ug/kg	1250	97	80-120			
trans-1,2-Dichloroethene	1180	100	11	ug/kg	1250	94	80-120			
1,2-Dichloropropane	1180	100	7.3	ug/kg	1250	91	80-120			
1,3-Dichloropropane	1140	100	8.4	ug/kg	1250	91	80-120			
2,2-Dichloropropane	1140	100	13	ug/kg	1250	91	80-120			

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

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2520 E. Sunset Rd., Suite 3, Las Vegas, NV 89120 (702) 798-3520 FAX (702) 798-3521

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: P4L1301 Extracted: 12/01/04										
LCS Analyzed: 12/11/2004 (P4L1301-BS1)										
1,1-Dichloropropene	1250	100	6.9	ug/kg	1250	103	80-120			
cis-1,3-Dichloropropene	1150	100	17	ug/kg	1250	92	80-120			
trans-1,3-Dichloropropene	1100	100	8.0	ug/kg	1250	88	80-120			
Ethylbenzene	1200	100	8.0	ug/kg	1250	96	80-120			
Hexachlorobutadiene	1350	250	77	ug/kg	1250	106	80-140			
n-Hexane	1000	100	130	ug/kg	1250	80	50-120			
Iodomethane	1220	250	25	ug/kg	1250	98	60-120			
Isopropylbenzene	1190	100	9.8	ug/kg	1250	95	80-125			
p-Isopropyltoluene	1270	100	13	ug/kg	1250	102	80-130			
Methylene chloride	1070	500	60	ug/kg	1250	86	60-120			
4-Methyl-2-pentanone (MIBK)	991	1000	150	ug/kg	1250	79	50-120			
Methyl-tert-butyl Ether (MTBE)	1100	250	13	ug/kg	1250	88	75-120			
Naphthalene	1060	250	67	ug/kg	1250	85	60-120			
n-Propylbenzene	1290	100	11	ug/kg	1250	103	80-130			
Styrene	1210	100	9.0	ug/kg	1250	97	80-125			
1,1,1,2-Tetrachloroethane	1220	250	8.5	ug/kg	1250	98	80-120			
1,1,2,2-Tetrachloroethane	1100	100	11	ug/kg	1250	88	60-120			
Tetrachloroethane	1180	100	8.9	ug/kg	1250	94	80-120			
Toluene	1170	250	60	ug/kg	1250	94	70-130			
1,2,3-Trichlorobenzene	1240	250	30	ug/kg	1250	99	75-135			
1,2,4-Trichlorobenzene	1250	100	6.2	ug/kg	1250	100	80-120			
1,1,1-Trichloroethane	1070	100	9.6	ug/kg	1250	86	75-120			
1,1,2-Trichloroethane	1180	100	11	ug/kg	1250	94	80-120			
Trichloroethene	1210	250	7.8	ug/kg	1250	97	30-130			
Trichlorofluoromethane	1060	500	10	ug/kg	1250	85	60-120			
1,2,3-Trichloropropane	1240	100	9.7	ug/kg	1250	99	80-120			
1,2,4-Trimethylbenzene	1270	100	10	ug/kg	1250	102	80-130			
1,3,5-Trimethylbenzene	1090	1200	10	ug/kg	1250	87	30-120			
Vinyl acetate	250	250	4.7	ug/kg	3750	38	10-120			
Vinyl chloride	3860	150	18	ug/kg	3750	103	80-120			
Xylenes, Total	1270	1280				102	70-120			
Surrogate: Dibromofluoromethane	1290					102	75-120			
Surrogate: Toluene-d8						103	75-120			
Surrogate: 4-Bromofluorobenzene										

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Batch: P4L1301 Extracted: 12/01/04									
LCS Dup Analyzed: 12/11/2004 (P4L1301-BSD1)									
Acetone	961	1000	240	ug/kg	1250	1250	77 15-120	15	35 E4
Benzene	1200	50	14	ug/kg	1250	1250	96 80-120	4	15
Bromobenzene	1260	250	7.7	ug/kg	1250	1250	101 80-120	5	15
Bromochlorobenzene	1240	250	6.2	ug/kg	1250	1250	99 80-120	9	15
Bromodichloromethane	1200	100	9.2	ug/kg	1250	1250	96 80-120	7	15
Bromoflorm	1020	250	8.3	ug/kg	1250	1250	82 65-120	6	15
Bromomethane	1110	250	110	ug/kg	1250	1250	89 25-120	2	35
2-Butanone (MEK)	1040	1000	240	ug/kg	1250	1250	83 45-125	7	30
n-Butylbenzene	1240	250	18	ug/kg	1250	1250	99 80-130	0	15
sec-Butylbenzene	1330	250	12	ug/kg	1250	1250	106 80-130	2	15
tert-Butylbenzene	1300	250	11	ug/kg	1250	1250	104 80-130	1	15
Carbon Disulfide	1220	500	8.0	ug/kg	1250	1250	98 50-120	4	15
Carbon tetrachloride	1240	250	6.2	ug/kg	1250	1250	99 80-125	4	15
Chlorobenzene	1260	50	7.7	ug/kg	1250	1250	101 80-120	4	15
Chloroethane	1160	250	8.5	ug/kg	1250	1250	93 20-120	4	35
Chloroform	1200	100	8.3	ug/kg	1250	1250	96 80-120	4	15
Chloromethane	1350	250	10	ug/kg	1250	1250	108 45-120	4	20
2-Chlorotoluene	1260	250	9.9	ug/kg	1250	1250	101 80-120	0	15
4-Chlorotoluene	1280	250	8.6	ug/kg	1250	1250	102 80-125	2	15
Dibromochloromethane	1100	100	8.2	ug/kg	1250	1250	88 75-120	6	15
1,2-Dibromo-3-chloropropane	1000	250	65	ug/kg	1250	1250	80 50-120	9	25
1,2-Dibromomethane (EDB)	1220	100	7.7	ug/kg	1250	1250	98 75-125	9	15
Dibromomethane	1220	100	8.3	ug/kg	1250	1250	98 80-120	10	15
1,2-Dichlorobenzene	1270	100	9.2	ug/kg	1250	1250	102 80-120	3	15
1,3-Dichlorobenzene	1290	100	8.0	ug/kg	1250	1250	103 80-120	3	15
1,4-Dichlorobenzene	1260	100	9.4	ug/kg	1250	1250	101 80-120	2	15
Dichlorodifluoromethane	1380	250	11	ug/kg	1250	1250	110 20-120	3	20
1,1-Dichloroethane	1230	100	6.9	ug/kg	1250	1250	98 80-120	7	15
1,2-Dichloroethane	1180	50	7.8	ug/kg	1250	1250	94 75-120	7	15
1,1-Dichloroethene	1220	250	7.5	ug/kg	1250	1250	98 65-120	4	20
cis-1,2-Dichloroethene	1260	100	11	ug/kg	1250	1250	101 80-120	4	15
trans-1,2-Dichloroethene	1220	100	11	ug/kg	1250	1250	98 80-120	3	15
1,2-Dichloropropane	1250	100	7.3	ug/kg	1250	1250	100 80-120	6	15
1,3-Dichloropropane	1210	100	8.4	ug/kg	1250	1250	97 80-120	6	15
2,2-Dichloropropane	1190	100	13	ug/kg	1250	1250	95 80-120	4	15

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Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

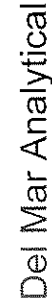
VOLATILE ORGANICS BY GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Batch: P4L1301 Extracted: 12/01/04									
LCS Dup Analyzed: 12/11/2004 (P4L1301-BSD1)									
1,1-Dichloropropene	1370	100	6.9	ug/kg	1250	1250	110 80-120	6	15
cis-1,3-Dichloropropene	1230	100	17	ug/kg	1250	1250	98 80-120	7	15
trans-1,3-Dichloropropene	1190	100	8.0	ug/kg	1250	1250	95 80-120	8	15
Hexylbenzene	1240	100	8.0	ug/kg	1250	1250	99 80-120	3	15
Hexachlorobutadiene	1350	250	77	ug/kg	1250	1250	108 80-140	1	15
2-Hexanone	1150	1000	130	ug/kg	1250	1250	92 50-120	14	35
Iodomethane	1260	250	25	ug/kg	1250	1250	101 60-120	3	20
Isopropylbenzene	1190	100	9.8	ug/kg	1250	1250	95 80-125	0	15
p-Isopropyltoluene	1280	100	13	ug/kg	1250	1250	102 80-130	1	15
Methylene chloride	1130	500	60	ug/kg	1250	1250	90 60-120	5	15
4-Methyl-2-pentanone (MIBK)	1160	1000	150	ug/kg	1250	1250	93 50-120	16	30
Methyl-tert-butyl Ether (MTBE)	1200	250	13	ug/kg	1250	1250	96 75-120	9	20
Naphthalene	1200	250	67	ug/kg	1250	1250	96 60-120	12	20
n-Propylbenzene	1300	100	11	ug/kg	1250	1250	104 80-130	1	15
Styrene	1260	100	9.0	ug/kg	1250	1250	101 80-125	4	15
1,1,1,2-Tetrachloroethane	1250	250	8.5	ug/kg	1250	1250	100 80-120	2	15
1,1,2,2-Tetrachloroethane	1210	100	11	ug/kg	1250	1250	97 60-120	10	20
Tetrachloromethane	1250	100	11	ug/kg	1250	1250	100 80-120	2	15
Toluene	1230	100	8.9	ug/kg	1250	1250	98 80-120	4	15
1,2,3-Trichlorobenzene	1250	250	60	ug/kg	1250	1250	100 70-130	7	15
1,2,4-Trichlorobenzene	1320	250	30	ug/kg	1250	1250	106 75-135	6	15
1,1,1-Trichloroethane	1300	100	6.2	ug/kg	1250	1250	104 80-120	4	15
1,1,2-Trichloroethane	1190	100	9.6	ug/kg	1250	1250	95 75-120	11	15
Trichloroethene	1260	100	11	ug/kg	1250	1250	101 80-120	7	15
Trichlorofluoromethane	1260	250	7.8	ug/kg	1250	1250	101 30-130	4	20
1,2,3-Trichloropropane	1190	500	10	ug/kg	1250	1250	95 60-120	12	20
1,2,4-Trimethylbenzene	1260	100	9.7	ug/kg	1250	1250	101 80-120	2	15
1,3,5-Trimethylbenzene	1300	100	10	ug/kg	1250	1250	104 80-130	2	15
Vinyl acetate	1220	1200	10	ug/kg	1250	1250	98 30-120	11	35
Vinyl chloride	416	250	4.7	ug/kg	1250	1250	33 10-120	12	35
Xylenes, Total	3960	150	18	ug/kg	3750	3750	106 80-120	3	15
Surrrogate: Dithionitromethane	1300			ug/kg	1250	1250	104 70-120		
Surrrogate: Toluene-d8	1300			ug/kg	1250	1250	104 75-120		
Surrrogate: 4-Bromofluorobenzene	1300			ug/kg	1250	1250	104 75-120		

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Attention: Amy Volkovinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Limit	Data Qualifiers
Batch: P4L1301 Extracted: 12/02/04										
Matrix Spike Analyzed: 12/11/2004 (P4L1301-MS1)										
Acetone	942	1000	240	ug/kg	1140	ND	83	15-120		E4
Benzene	1050	50	14	ug/kg	1140	ND	92	70-120		
Bromobenzene	1110	250	7.7	ug/kg	1140	ND	97	70-120		
Bromochloromethane	1120	250	6.2	ug/kg	1140	ND	98	70-120		
Bromodichloromethane	1070	160	9.2	ug/kg	1140	ND	94	70-120		
Bromoforn	982	250	8.3	ug/kg	1140	ND	86	55-120		
Bromonethane	1070	250	110	ug/kg	1140	ND	94	20-120		
2-Butanone (MEK)	1050	1000	240	ug/kg	1140	ND	92	40-120		
n-Butylbenzene	1090	250	18	ug/kg	1140	ND	101	75-130		
sec-Butylbenzene	1150	250	12	ug/kg	1140	ND	101	75-125		
tert-Butylbenzene	1140	250	11	ug/kg	1140	ND	100	75-125		
Carbon Disulfide	1070	500	8.0	ug/kg	1140	ND	94	45-120		
Carbon tetrachloride	1090	250	6.2	ug/kg	1140	ND	96	75-120		
Chlorobenzene	1080	50	7.7	ug/kg	1140	ND	95	75-120		
Chloromethane	1080	250	8.5	ug/kg	1140	ND	95	20-120		
Chloroform	1080	100	8.3	ug/kg	1140	ND	95	70-120		
Chloromethane	1210	250	10	ug/kg	1140	ND	106	35-120		
2-Chlorotoluene	1120	250	9.9	ug/kg	1140	ND	98	75-120		
4-Chlorotoluene	1130	250	8.6	ug/kg	1140	ND	99	75-120		
Dibromochloromethane	970	100	8.2	ug/kg	1140	ND	83	70-120		
1,2-Dibromo-3-chloropropane	1000	250	65	ug/kg	1140	ND	88	50-130		
1,2-Dibromomethane (EDB)	1090	100	7.7	ug/kg	1140	ND	96	65-125		
Dibromomethane	1080	100	8.3	ug/kg	1140	ND	95	70-120		
1,2-Dichlorobenzene	1120	100	9.2	ug/kg	1140	ND	98	75-120		
1,3-Dichlorobenzene	1130	100	8.0	ug/kg	1140	ND	99	75-120		
1,4-Dichlorobenzene	1120	100	9.4	ug/kg	1140	ND	98	80-120		
Dichlorodifluoromethane	1220	250	11	ug/kg	1140	ND	107	10-120		
1,1-Dichloroethane	1280	100	6.9	ug/kg	1140	170	97	70-120		
1,2-Dichloroethane	1080	50	7.8	ug/kg	1140	ND	95	70-120		
1,1-Dichloromethane	1130	250	7.5	ug/kg	1140	52	95	50-120		
cis-1,2-Dichloroethene	1120	100	11	ug/kg	1140	ND	98	70-120		
trans-1,2-Dichloroethene	1080	100	11	ug/kg	1140	ND	95	65-120		
1,2-Dichloropropane	1100	100	7.3	ug/kg	1140	ND	96	75-120		
1,3-Dichloropropane	1070	100	8.4	ug/kg	1140	ND	94	65-120		
2,2-Dichloropropane	1000	100	13	ug/kg	1140	ND	88	60-120		

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Attention: Amy Volkovinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Limit	Data Qualifiers
Batch: P4L1301 Extracted: 12/02/04										
Matrix Spike Analyzed: 12/11/2004 (P4L1301-MS1)										
1,1-Dichloropropene	1080	100	6.9	ug/kg	1140	ND	104	70-125		
cis-1,3-Dichloropropene	1080	100	17	ug/kg	1140	ND	95	75-120		
trans-1,3-Dichloropropene	1060	100	8.0	ug/kg	1140	ND	93	70-120		
Ethylbenzene	1060	100	8.0	ug/kg	1140	ND	93	75-120		
Hexachlorobutadiene	1070	250	77	ug/kg	1140	ND	94	70-135		
2-Hexanone	1110	1000	130	ug/kg	1140	ND	97	40-120		
Iodomethane	1130	250	25	ug/kg	1140	ND	99	50-120		
Isopropylbenzene	1090	100	9.8	ug/kg	1140	ND	96	75-120		
p-Isopropyltoluene	1120	100	13	ug/kg	1140	ND	98	75-125		
Methylene chloride	1000	500	60	ug/kg	1140	ND	88	50-120		
4-Methyl-2-pentanone (MIBK)	1080	1000	130	ug/kg	1140	ND	95	45-135		
Methyl-tert-butyl Ether (MTBE)	1140	250	13	ug/kg	1140	ND	100	60-120		
Naphthalene	1060	250	67	ug/kg	1140	ND	93	50-120		
n-Propylbenzene	1160	100	11	ug/kg	1140	ND	102	70-125		
Styrene	1080	100	9.0	ug/kg	1140	ND	95	75-120		
1,1,1,2-Tetrachloroethane	1120	250	8.5	ug/kg	1140	ND	98	75-120		
1,1,2,2-Tetrachloroethane	1100	100	11	ug/kg	1140	ND	96	60-120		
Tetrachloroethene	1100	100	11	ug/kg	1140	29	94	70-120		
Toluene	1080	100	8.9	ug/kg	1140	ND	95	75-120		
1,2,3-Trichlorobenzene	996	250	60	ug/kg	1140	ND	87	60-125		
1,2,4-Trichlorobenzene	1070	250	30	ug/kg	1140	ND	94	65-130		
1,1,1-Trichloroethane	4890	100	6.2	ug/kg	1140	3700	104	70-120		
1,1,2-Trichloroethane	1090	100	9.6	ug/kg	1140	ND	96	70-120		
Trichloroethene	1110	100	11	ug/kg	1140	ND	97	70-125		
Trichlorofluoromethane	1110	250	7.8	ug/kg	1140	ND	97	35-120		
1,2,3-Trichloropropane	1120	500	10	ug/kg	1140	ND	98	55-130		
1,2,4-Trimethylbenzene	1100	100	9.7	ug/kg	1140	ND	96	75-120		
1,3,5-Trimethylbenzene	1120	100	10	ug/kg	1140	ND	98	75-125		
Vinyl acetate	765	1200	10	ug/kg	1140	ND	67	25-130		
Vinyl chloride	328	250	4.7	ug/kg	1140	ND	29	10-120		
Xylenes, Total	3390	150	18	ug/kg	3420	ND	99	75-120		
Surrogate: Dibromofluoromethane	1290			ug/kg			105	70-120		
Surrogate: Toluene-d8	1180			ug/kg	1140		104	75-120		
Surrogate: 4-Bromofluorobenzene	1150			ug/kg	1140		101	75-120		

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Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source	%REC	Limit	RPD	Data Qualifiers
Matrix Spike Dup Analyzed: 12/11/2004 (P4L1301-MSD1)										
Acetone	1020	1000	240	ug/kg	1140	ND	89	15-120	8	30
Benzene	1130	50	14	ug/kg	1140	ND	99	70-120	7	15
Bromobenzene	1220	250	7.7	ug/kg	1140	ND	107	70-120	9	15
Bromochloromethane	1170	250	6.2	ug/kg	1140	ND	103	70-120	4	15
Bromodichloromethane	1150	100	9.2	ug/kg	1140	ND	101	70-120	7	15
Bromoforn	1040	250	8.3	ug/kg	1140	ND	91	55-120	6	15
Bromomethane	1120	250	110	ug/kg	1140	ND	98	20-120	5	30
2-Butanone (MEK)	1110	1000	240	ug/kg	1140	ND	97	40-120	6	35
n-Butylbenzene	1150	250	18	ug/kg	1140	ND	101	75-130	5	15
sec-Butylbenzene	1240	250	12	ug/kg	1140	ND	109	75-125	8	15
tert-Butylbenzene	1250	250	11	ug/kg	1140	ND	110	75-125	9	15
Carbon Disulfide	1140	500	8.0	ug/kg	1140	ND	100	45-120	6	15
Carbon tetrachloride	1170	250	6.2	ug/kg	1140	ND	103	75-120	7	15
Chlorobenzene	1200	50	7.7	ug/kg	1140	ND	105	75-120	11	15
Chloroethane	1170	250	8.5	ug/kg	1140	ND	103	20-120	8	35
Chloroform	1140	100	8.3	ug/kg	1140	ND	100	70-120	5	15
Chloromethane	1280	250	10	ug/kg	1140	ND	112	35-120	6	20
2-Chlorotoluene	1210	250	9.9	ug/kg	1140	ND	106	75-120	8	15
4-Chlorotoluene	1230	250	8.6	ug/kg	1140	ND	108	75-120	8	15
Dibromochloromethane	1070	100	8.2	ug/kg	1140	ND	94	70-120	10	15
1,2-Dibromo-3-chloropropane	1110	250	65	ug/kg	1140	ND	97	50-130	10	30
1,2-Dibromomethane (EDB)	1190	100	7.7	ug/kg	1140	ND	104	65-125	9	15
Dibromomethane	1180	100	8.3	ug/kg	1140	ND	104	70-120	9	15
1,2-Dichlorobenzene	1210	100	9.2	ug/kg	1140	ND	106	75-120	8	15
1,3-Dichlorobenzene	1230	100	8.0	ug/kg	1140	ND	108	75-120	8	15
1,4-Dichlorobenzene	1200	100	9.4	ug/kg	1140	ND	105	80-120	7	15
Dichlorodifluoromethane	1320	250	11	ug/kg	1140	ND	116	10-120	8	25
1,1-Dichloroethane	1370	100	6.9	ug/kg	1140	ND	105	70-120	7	15
1,2-Dichloroethane	1140	50	7.8	ug/kg	1140	ND	100	70-120	5	15
1,1-Dichloroethene	1210	250	7.5	ug/kg	1140	52	102	50-120	7	20
cis-1,2-Dichloroethene	1200	100	11	ug/kg	1140	ND	105	70-120	7	15
trans-1,2-Dichloroethene	1150	100	11	ug/kg	1140	ND	101	65-120	6	15
1,2-Dichloropropane	1200	100	7.3	ug/kg	1140	ND	105	75-120	9	15
1,3-Dichloropropane	1170	100	8.4	ug/kg	1140	ND	103	65-120	9	15
2,2-Dichloropropane	1060	100	13	ug/kg	1140	ND	93	60-120	6	15

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Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source	%REC	Limit	RPD	Data Qualifiers
Matrix Spike Dup Analyzed: 12/11/2004 (P4L1301-MSD1)										
1,1-Dichloropropene	1280	100	6.9	ug/kg	1140	ND	112	70-125	8	15
cis-1,3-Dichloropropene	1160	100	17	ug/kg	1140	ND	102	75-120	7	15
trans-1,3-Dichloropropene	1150	100	8.0	ug/kg	1140	ND	101	70-120	8	15
Ethylbenzene	1170	100	8.0	ug/kg	1140	ND	103	75-120	10	15
Hexachlorobutadiene	1120	250	77	ug/kg	1140	ND	98	70-135	5	15
2-Hexanone	1200	1000	130	ug/kg	1140	ND	105	40-120	8	35
Iodomethane	1220	250	25	ug/kg	1140	ND	107	50-120	8	15
Isopropylbenzene	1150	100	9.8	ug/kg	1140	ND	101	75-120	5	15
p-Isopropyltoluene	1210	100	13	ug/kg	1140	ND	106	75-125	8	15
Methylene chloride	1070	500	60	ug/kg	1140	ND	94	50-120	7	20
4-Methyl-2-pentanone (MIBK)	1170	1000	150	ug/kg	1140	ND	103	45-135	8	35
Methyl-tert-butyl Ether (MTBE)	1120	250	13	ug/kg	1140	ND	106	60-120	6	15
Naphthalene	1120	250	67	ug/kg	1140	ND	98	50-120	6	25
n-Propylbenzene	1250	100	11	ug/kg	1140	ND	110	70-125	7	15
Styrene	1210	100	9.0	ug/kg	1140	ND	106	75-120	11	15
1,1,1,2-Tetrachloroethane	1240	250	8.5	ug/kg	1140	ND	109	75-120	10	15
1,1,2,2-Tetrachloroethane	1170	100	11	ug/kg	1140	ND	103	60-120	6	30
Tetrachloroethene	1210	100	11	ug/kg	1140	29	104	70-120	10	15
Toluene	1150	100	8.9	ug/kg	1140	ND	101	75-120	6	15
1,2,3-Trichlorobenzene	1050	250	60	ug/kg	1140	ND	92	60-125	5	15
1,2,4-Trichlorobenzene	1140	250	30	ug/kg	1140	ND	100	65-130	6	15
1,1,1-Trichloroethane	5130	100	6.2	ug/kg	1140	3700	125	70-120	5	15
1,1,2-Trichloroethane	1170	100	9.6	ug/kg	1140	ND	105	70-125	8	15
Trichloroethane	1200	100	11	ug/kg	1140	ND	104	25-120	7	25
Trichlorofluoromethane	1190	250	7.8	ug/kg	1140	ND	107	55-130	9	25
1,2,3-Trichloropropane	1220	500	10	ug/kg	1140	ND	106	75-120	10	15
1,2,4-Trimethylbenzene	1210	100	9.7	ug/kg	1140	ND	107	75-125	9	15
1,3,5-Trimethylbenzene	1220	100	10	ug/kg	1140	ND	107	75-125	9	15
Vinyl acetate	817	1200	10	ug/kg	1140	ND	72	25-130	7	35
Vinyl chloride	355	250	4.7	ug/kg	1140	ND	31	10-120	8	30
Xylenes, Total	3760	150	18	ug/kg	1140	ND	104	70-120	10	15
Surrogate: Dibromofluoromethane	1190			ug/kg	1140					
Surrogate: Toluene-d8	1180			ug/kg	1140					
Surrogate: 4-Bromofluorobenzene	1220			ug/kg	1140					

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Basin & Range Hydrogeologists

Project ID: 24018.004/Air Liquide

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Attention: Amy Wolkowinsky

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Limit	Data Qualifiers
Acetone	ND	1000	240	ug/kg						
Benzene	ND	50	14	ug/kg						
Bromobenzene	ND	250	7.7	ug/kg						
Bromochloromethane	ND	250	100	ug/kg						
Bromodichloromethane	ND	100	9.2	ug/kg						
Bromoforn	ND	250	8.3	ug/kg						
Bromomethane	ND	250	110	ug/kg						
2-Butanone (MEK)	ND	1000	240	ug/kg						
n-Butylbenzene	ND	250	18	ug/kg						
sec-Butylbenzene	ND	250	12	ug/kg						
tert-Butylbenzene	ND	250	11	ug/kg						
Carbon Disulfide	ND	500	8.0	ug/kg						
Carbon tetrachloride	ND	250	6.2	ug/kg						
Chlorobenzene	ND	50	7.7	ug/kg						
Chloroethane	ND	250	8.5	ug/kg						
Chloroform	ND	100	8.3	ug/kg						
Chloromethane	ND	250	10	ug/kg						
2-Chlorotoluene	ND	250	9.9	ug/kg						
4-Chlorotoluene	ND	250	8.6	ug/kg						
Dibromomethane	ND	100	8.2	ug/kg						
Dibromochloromethane	ND	250	65	ug/kg						
1,2-Dibromo-3-chloropropane	ND	250	100	ug/kg						
1,2-Dibromomethane (EDB)	ND	100	7.7	ug/kg						
Dibromomethane	ND	100	8.3	ug/kg						
1,2-Dichlorobenzene	ND	100	9.2	ug/kg						
1,3-Dichlorobenzene	ND	100	8.0	ug/kg						
1,4-Dichlorobenzene	ND	100	9.4	ug/kg						
Dichlorodifluoromethane	ND	250	11	ug/kg						
1,1-Dichloroethane	ND	100	6.9	ug/kg						
1,2-Dichloroethane	ND	50	7.8	ug/kg						
1,1-Dichloroethene	ND	250	7.5	ug/kg						
cis-1,2-Dichloroethene	ND	100	11	ug/kg						
trans-1,2-Dichloroethene	ND	100	11	ug/kg						
1,2-Dichloropropane	ND	100	7.3	ug/kg						
1,3-Dichloropropane	ND	100	8.4	ug/kg						
2,2-Dichloropropane	ND	100	13	ug/kg						

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Basin & Range Hydrogeologists

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Attention: Amy Wolkowinsky

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Limit	Data Qualifiers
Acetone	ND	100	6.9	ug/kg						
Benzene	ND	100	17	ug/kg						
Bromobenzene	ND	100	8.0	ug/kg						
Bromochloromethane	ND	100	8.0	ug/kg						
Bromodichloromethane	ND	250	77	ug/kg						
Bromoforn	ND	1000	130	ug/kg						
Bromomethane	ND	250	25	ug/kg						
2-Butanone (MEK)	ND	100	9.8	ug/kg						
n-Butylbenzene	ND	100	13	ug/kg						
sec-Butylbenzene	ND	500	60	ug/kg						
tert-Butylbenzene	ND	1000	150	ug/kg						
Carbon Disulfide	ND	250	13	ug/kg						
Carbon tetrachloride	ND	100	67	ug/kg						
Chlorobenzene	ND	100	11	ug/kg						
Chloroethane	ND	100	9.0	ug/kg						
Chloroform	ND	250	8.5	ug/kg						
Chloromethane	ND	100	11	ug/kg						
2-Chlorotoluene	ND	100	11	ug/kg						
4-Chlorotoluene	ND	250	30	ug/kg						
Dibromomethane	ND	250	60	ug/kg						
Dibromochloromethane	ND	100	6.2	ug/kg						
1,2-Dibromo-3-chloropropane	ND	100	9.6	ug/kg						
1,2-Dibromomethane (EDB)	ND	100	11	ug/kg						
Dibromomethane	ND	250	7.8	ug/kg						
1,2-Dichlorobenzene	ND	250	10	ug/kg						
1,3-Dichlorobenzene	ND	500	10	ug/kg						
1,4-Dichlorobenzene	ND	100	9.7	ug/kg						
Dichlorodifluoromethane	ND	100	10	ug/kg						
1,1-Dichloroethane	ND	1200	10	ug/kg						
1,2-Dichloroethane	ND	250	4.7	ug/kg						
1,1-Dichloroethene	ND	150	18	ug/kg						
cis-1,2-Dichloroethene	ND	98	70-120	ug/kg						
trans-1,2-Dichloroethene	ND	102	75-120	ug/kg						
1,2-Dichloropropane	ND	102	75-120	ug/kg						
1,3-Dichloropropane	ND	102	75-120	ug/kg						
2,2-Dichloropropane	ND	102	75-120	ug/kg						

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Limit	Data Qualifiers
Batch: P4L1311 Extracted: 11/30/04										
LCS Analyzed: 12/13/2004 (P4L1311-BS1)										
Acetone	839	1000	240	ug/kg	1250	67	15-120			E4
Benzene	1190	50	14	ug/kg	1250	95	80-120			
Bromobenzene	1250	250	7.7	ug/kg	1250	100	80-120			
Bromochloromethane	1190	250	6.2	ug/kg	1250	95	80-120			
Bromodichloromethane	1180	100	9.2	ug/kg	1250	94	80-120			
Bromoforn	1150	250	8.3	ug/kg	1250	92	65-120			
Bromomethane	990	250	110	ug/kg	1250	87	25-120			
2-Butanone (MEK)	1090	1000	240	ug/kg	1250	79	45-125			E4
n-Butylbenzene	1410	250	18	ug/kg	1250	113	80-130			
sec-Butylbenzene	1460	250	12	ug/kg	1250	117	80-130			
tert-Butylbenzene	1400	250	11	ug/kg	1250	112	80-130			
Carbon Disulfide	1170	500	8.0	ug/kg	1250	94	50-120			
Carbon tetrachloride	1260	250	6.2	ug/kg	1250	101	80-125			
Chlorobenzene	1270	50	7.7	ug/kg	1250	102	80-120			
Chloroethane	1200	250	8.5	ug/kg	1250	96	20-120			
Chloroform	1160	100	8.3	ug/kg	1250	93	80-120			
Chloromethane	1220	250	10	ug/kg	1250	98	45-120			
2-Chlorotoluene	1350	250	9.9	ug/kg	1250	108	80-120			
4-Chlorotoluene	1360	250	8.6	ug/kg	1250	109	80-125			
Dibromochloromethane	1190	100	8.2	ug/kg	1250	95	75-120			
1,2-Dibromo-3-chloropropane	1050	250	6.5	ug/kg	1250	84	50-120			
1,2-Dibromomethane (ED6)	1170	100	7.7	ug/kg	1250	94	75-125			
Dibromomethane	1190	100	8.3	ug/kg	1250	95	80-120			
1,2-Dichlorobenzene	1240	100	9.2	ug/kg	1250	99	80-120			
1,3-Dichlorobenzene	1280	100	8.0	ug/kg	1250	102	80-120			
1,4-Dichlorobenzene	1250	100	9.4	ug/kg	1250	100	80-120			
Dichlorodifluoromethane	1400	250	11	ug/kg	1250	112	20-120			
1,1-Dichloroethane	1210	100	6.9	ug/kg	1250	97	80-120			
1,2-Dichloroethane	1120	50	7.8	ug/kg	1250	90	75-120			
1,1-Dichloroethene	1260	250	7.5	ug/kg	1250	101	65-120			
cis-1,2-Dichloroethene	1260	100	11	ug/kg	1250	101	80-120			
trans-1,2-Dichloroethene	1260	100	11	ug/kg	1250	101	80-120			
1,2-Dichloropropane	1190	100	7.3	ug/kg	1250	95	80-120			
1,3-Dichloropropane	1180	100	8.4	ug/kg	1250	94	80-120			
2,2-Dichloropropane	1310	100	13	ug/kg	1250	105	80-120			

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Limit	Data Qualifiers
Batch: P4L1311 Extracted: 11/30/04										
LCS Analyzed: 12/13/2004 (P4L1311-BS1)										
1,1-Dichloropropene	1390	100	6.9	ug/kg	1250	111	80-120			
cis-1,3-Dichloropropene	1200	100	17	ug/kg	1250	96	80-120			
trans-1,3-Dichloropropene	1050	100	8.0	ug/kg	1250	84	80-120			
Ethylbenzene	1300	100	8.0	ug/kg	1250	104	80-120			
Hexachlorobutadiene	1350	250	77	ug/kg	1250	108	80-140			
2-Hexanone	1040	1000	130	ug/kg	1250	83	50-120			
Iodomethane	1250	250	25	ug/kg	1250	100	60-120			
Isopropylbenzene	1290	100	9.8	ug/kg	1250	103	80-125			
p-Isopropyltoluene	1410	100	13	ug/kg	1250	113	80-130			
Methylene chloride	1120	500	60	ug/kg	1250	90	60-120			
4-Methyl-2-pentanone (MIBK)	1120	1000	150	ug/kg	1250	90	50-120			
Methyl-tert-butyl Ether (MTBE)	1220	250	13	ug/kg	1250	98	75-120			
Naphthalene	1130	250	67	ug/kg	1250	90	60-120			
n-Propylbenzene	1470	100	11	ug/kg	1250	118	80-130			
Styrene	1290	100	9.0	ug/kg	1250	103	80-125			
1,1,1,2-Tetrachloroethane	1150	250	8.5	ug/kg	1250	92	80-120			
1,1,2,2-Tetrachloroethane	1200	100	11	ug/kg	1250	96	60-120			
Tetrachloroethene	1290	100	11	ug/kg	1250	103	80-120			
Toluene	1230	100	8.9	ug/kg	1250	98	80-120			
1,2,3-Trichlorobenzene	1120	250	60	ug/kg	1250	90	70-130			
1,2,4-Trichlorobenzene	1260	250	30	ug/kg	1250	101	75-135			
1,1,1-Trichloroethane	1190	100	6.2	ug/kg	1250	95	80-120			
1,1,2-Trichloroethane	1180	100	9.6	ug/kg	1250	94	75-120			
Trichloroethene	1250	100	11	ug/kg	1250	100	80-120			
Trichlorofluoromethane	1270	250	7.8	ug/kg	1250	102	30-130			
1,2,3-Trichloropropane	1180	500	10	ug/kg	1250	94	60-120			
1,2,4-Trimethylbenzene	1370	100	9.7	ug/kg	1250	110	80-120			
1,3,5-Trimethylbenzene	1390	100	10	ug/kg	1250	111	80-130			
Vinyl acetate	1180	1200	10	ug/kg	1250	94	30-120			E4
Vinyl chloride	4050	250	4.7	ug/kg	1250	108	80-120			
Xylenes, Total	1280	150	18	ug/kg	1250	102	70-120			
Surrogate: Dibromofluoromethane	1320			ug/kg	1250	106	75-120			
Surrogate: Toluene-d8	1330			ug/kg	1250	106	75-120			
Surrogate: 4-Bromofluorobenzene				ug/kg	1250	106	75-120			

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Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Volkovinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Batch: P4L1311 Extracted: 11/30/04									
LCS Dup Analyzed: 12/13/2004 (P4L1311-BSD1)									
Aceone	740	1000	240	ug/kg	1250	59	15-120	13	35 E4
Benzene	1200	50	14	ug/kg	1250	96	80-120	1	15
Bromobenzene	1270	250	7.7	ug/kg	1250	102	80-120	2	15
Bromochloromethane	1190	250	6.2	ug/kg	1250	95	80-120	0	15
Bromodichloromethane	1190	100	9.2	ug/kg	1250	95	80-120	1	15
Bromoflorm	1110	250	8.3	ug/kg	1250	89	65-120	4	15
Bromomethane	1110	250	110	ug/kg	1250	89	25-120	2	35
2-Butanone (MEK)	838	1000	240	ug/kg	1250	67	45-125	17	30 E4
n-Butylbenzene	1420	250	18	ug/kg	1250	114	80-130	1	15
sec-Butylbenzene	1450	250	12	ug/kg	1250	116	80-130	1	15
tert-Butylbenzene	1410	250	11	ug/kg	1250	113	80-130	1	15
Carbon Disulfide	1150	500	8.0	ug/kg	1250	92	50-120	2	15
Carbon tetrachloride	1270	250	6.2	ug/kg	1250	102	80-125	1	15
Chlorobenzene	1270	50	7.7	ug/kg	1250	102	80-120	0	15
Chloroethane	1150	250	8.5	ug/kg	1250	92	20-120	4	35
Chloroform	1150	100	8.3	ug/kg	1250	92	80-120	1	15
Chloromethane	1160	250	10	ug/kg	1250	93	45-120	5	20
2-Chlorotoluene	1350	250	9.9	ug/kg	1250	108	80-120	0	15
4-Chlorotoluene	1370	250	8.6	ug/kg	1250	110	80-125	1	15
Dibromochloromethane	1180	100	8.2	ug/kg	1250	94	75-120	1	15
1,2-Dibromo-3-chloropropane	1010	250	65	ug/kg	1250	81	50-120	4	25
1,2-Dibromomethane (EDB)	1110	100	7.7	ug/kg	1250	89	75-125	5	15
Dibromomethane	1160	100	8.3	ug/kg	1250	93	80-120	3	15
1,2-Dichlorobenzene	1260	100	9.2	ug/kg	1250	101	80-120	2	15
1,3-Dichlorobenzene	1320	100	8.0	ug/kg	1250	106	80-120	3	15
1,4-Dichlorobenzene	1260	100	9.4	ug/kg	1250	101	80-120	1	15
Dichlorodifluoromethane	1390	250	11	ug/kg	1250	111	20-120	1	20
1,1-Dichloroethane	1200	100	6.9	ug/kg	1250	96	80-120	4	15
1,2-Dichloroethane	1080	50	7.8	ug/kg	1250	86	75-120	1	15
1,1-Dichloroethene	1270	250	7.5	ug/kg	1250	102	65-120	1	20
cis-1,2-Dichloroethene	1240	100	11	ug/kg	1250	99	80-120	2	15
trans-1,2-Dichloroethene	1260	100	11	ug/kg	1250	101	80-120	0	15
1,2-Dichloropropane	1220	100	7.3	ug/kg	1250	98	80-120	2	15
1,3-Dichloropropane	1140	100	8.4	ug/kg	1250	91	80-120	3	15
2,2-Dichloropropane	1310	100	13	ug/kg	1250	105	80-120	0	15

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Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Volkovinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Batch: P4L1311 Extracted: 11/30/04									
LCS Dup Analyzed: 12/13/2004 (P4L1311-BSD1)									
1,1-Dichloropropene	1390	100	6.9	ug/kg	1250	111	80-120	0	15
cis-1,3-Dichloropropene	1200	100	17	ug/kg	1250	96	80-120	0	15
trans-1,3-Dichloropropene	1030	100	8.0	ug/kg	1250	82	80-120	2	15
Ethylbenzene	1300	100	8.0	ug/kg	1250	104	80-120	0	15
Hexachlorobutadiene	1530	250	77	ug/kg	1250	122	80-140	12	15 E4
2-Hexanone	934	1000	130	ug/kg	1250	75	50-120	11	35
Iodomethane	1270	250	25	ug/kg	1250	102	60-120	2	20
Isopropylbenzene	1300	100	9.8	ug/kg	1250	104	80-125	1	15
p-Isopropyltoluene	1430	100	13	ug/kg	1250	114	80-130	1	15
Methylcyclohexane	1120	500	60	ug/kg	1250	90	60-120	0	15
4-Methyl-2-pentanone (MIBK)	958	1000	150	ug/kg	1250	77	50-120	16	30 E4
Methyl-tert-butyl Ether (MTBE)	1160	250	13	ug/kg	1250	93	75-120	5	20
Naphthalene	1120	250	67	ug/kg	1250	90	60-120	1	20
n-Propylbenzene	1460	100	11	ug/kg	1250	117	80-130	1	15
Styrene	1290	100	9.0	ug/kg	1250	103	80-125	0	15
1,1,1,2-Tetrachloroethane	1160	250	8.5	ug/kg	1250	93	80-120	1	15
1,1,2,2-Tetrachloroethane	1130	100	11	ug/kg	1250	90	60-120	6	20
Tetrachloroethene	1290	100	11	ug/kg	1250	103	80-120	0	15
Toluene	1230	100	8.9	ug/kg	1250	98	80-120	0	15
1,2,3-Trichlorobenzene	1250	250	60	ug/kg	1250	100	70-130	11	15
1,2,4-Trichlorobenzene	1390	250	30	ug/kg	1250	111	75-135	10	15
1,1,1-Trichloroethane	1180	100	6.2	ug/kg	1250	94	80-120	1	15
1,1,2-Trichloroethane	1160	100	9.6	ug/kg	1250	93	75-120	2	15
Trichloromethane	1260	100	11	ug/kg	1250	101	80-120	1	15
Trichlorofluoromethane	1260	250	7.8	ug/kg	1250	101	30-130	1	20
1,2,3-Trichloropropane	1070	500	10	ug/kg	1250	86	60-120	10	20
1,2,4-Trimethylbenzene	1380	100	9.7	ug/kg	1250	110	80-120	1	15
1,3,5-Trimethylbenzene	1400	100	10	ug/kg	1250	112	80-130	1	15
Vinyl acetate	1100	1200	10	ug/kg	1250	88	30-120	7	35 E4
Vinyl chloride	687	250	4.7	ug/kg	1250	55	10-120	1	35
Xylenes Total	4050	150	18	ug/kg	3750	108	80-120	0	15
Surrogate: Dibromofluoromethane	1260			ug/kg	1250	101	70-130		
Surrogate: Toluene-d8	1290			ug/kg	1250	103	75-120		
Surrogate: 4-Bromofluorobenzene	1260			ug/kg	1250	101	75-120		

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source	%REC	Limit	RPD	Data Qualifiers
Batch: P4L1311 Extracted: 12/01/04										
Matrix Spike Analyzed: 12/13/2004 (P4L1311-MS1)										
Acetone	838	1000	240	ug/kg	1310	ND	64	15-120		
Benzene	1240	50	14	ug/kg	1310	30	92	70-120		E4
Bromobenzene	1270	250	7.7	ug/kg	1310	ND	97	70-120		
Bromochloromethane	1170	250	6.2	ug/kg	1310	ND	89	70-120		
Bromodichloromethane	1180	100	9.2	ug/kg	1310	ND	90	70-120		
Bromoforn	1120	250	8.3	ug/kg	1310	ND	85	55-120		
Bromomethane	1160	250	110	ug/kg	1310	ND	89	20-120		
2-Butanone (MEK)	902	1000	240	ug/kg	1310	ND	69	40-120		
n-Butylbenzene	1400	250	18	ug/kg	1310	ND	107	75-130		
sec-Butylbenzene	1450	250	12	ug/kg	1310	ND	111	75-125		
tert-Butylbenzene	1410	250	11	ug/kg	1310	ND	108	75-125		
Carbon Disulfide	1150	500	8.0	ug/kg	1310	ND	88	45-120		
Carbon tetrachloride	1270	250	6.2	ug/kg	1310	ND	97	75-120		
Chlorobenzene	1280	50	7.7	ug/kg	1310	ND	98	75-120		
Chloroethane	1190	250	8.5	ug/kg	1310	ND	91	20-120		
Chloroform	1150	100	8.3	ug/kg	1310	ND	88	70-120		
Chloromethane	1210	250	10	ug/kg	1310	ND	92	35-120		
2-Chlorotoluene	1350	250	9.9	ug/kg	1310	ND	103	75-120		
4-Chlorotoluene	1370	250	8.6	ug/kg	1310	ND	105	75-120		
Dibromochloromethane	1190	100	8.2	ug/kg	1310	ND	91	70-120		
1,2-Dibromo-3-chloropropane	978	250	65	ug/kg	1310	ND	75	50-130		
1,2-Dibromomethane (EDB)	1110	100	7.7	ug/kg	1310	ND	85	65-125		
Dibromomethane	1140	100	8.3	ug/kg	1310	ND	87	70-120		
1,2-Dichlorobenzene	1250	100	9.2	ug/kg	1310	ND	95	75-120		
1,3-Dichlorobenzene	1310	100	8.0	ug/kg	1310	ND	100	75-120		
1,4-Dichlorobenzene	1270	100	9.4	ug/kg	1310	ND	97	80-120		
Dichlorodifluoromethane	1410	250	11	ug/kg	1310	ND	108	10-120		
1,1-Dichloroethane	1300	100	6.9	ug/kg	1310	96	92	70-120		
1,2-Dichloroethane	1160	50	7.8	ug/kg	1310	ND	84	70-120		
1,1-Dichloroethene	1370	250	7.5	ug/kg	1310	68	99	50-120		
cis-1,2-Dichloroethene	1260	100	11	ug/kg	1310	ND	96	70-120		
trans-1,2-Dichloroethene	1280	100	11	ug/kg	1310	ND	98	65-120		
1,2-Dichloropropane	1220	100	7.3	ug/kg	1310	ND	93	75-120		
1,3-Dichloropropane	1150	100	8.4	ug/kg	1310	ND	88	65-120		
2,2-Dichloropropane	1280	100	13	ug/kg	1310	ND	98	60-120		

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Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source	%REC	Limit	RPD	Data Qualifiers
Batch: P4L1311 Extracted: 12/01/04										
Matrix Spike Analyzed: 12/13/2004 (P4L1311-MS1)										
1,1-Dichloropropene	1410	100	6.9	ug/kg	1310	ND	108	70-125		
cis-1,3-Dichloropropene	1210	100	17	ug/kg	1310	ND	92	75-120		
trans-1,3-Dichloropropene	1020	100	8.0	ug/kg	1310	ND	78	70-120		
Hexylbenzene	1310	100	8.0	ug/kg	1310	ND	100	75-120		
Hexachlorobutadiene	1490	250	77	ug/kg	1310	ND	114	70-135		E4
2-Hexanone	953	1000	130	ug/kg	1310	ND	73	40-120		
Iodomethane	1270	250	25	ug/kg	1310	ND	97	50-120		
Isopropylbenzene	1310	100	9.8	ug/kg	1310	ND	100	75-120		
p-Isopropyltoluene	1400	100	13	ug/kg	1310	ND	107	75-125		
Methylene chloride	1160	500	60	ug/kg	1310	80	82	50-120		
4-Methyl-2-pentanone (MIBK)	969	1000	150	ug/kg	1310	ND	74	45-135		
Methyl-tert-butyl Ether (MTBE)	1190	250	13	ug/kg	1310	ND	91	60-120		E4
Naphthalene	1050	250	67	ug/kg	1310	ND	80	50-120		
n-Propylbenzene	1440	100	11	ug/kg	1310	ND	110	70-125		
Styrene	1280	100	9.0	ug/kg	1310	ND	98	75-120		
1,1,1,2-Tetrachloroethane	1170	250	8.5	ug/kg	1310	ND	89	75-120		
1,1,2,2-Tetrachloroethane	1090	100	11	ug/kg	1310	ND	83	60-120		
Tetrachloroethene	1280	100	11	ug/kg	1310	ND	98	70-120		
Toluene	1260	100	8.9	ug/kg	1310	ND	96	75-120		
1,2,3-Trichlorobenzene	1190	250	60	ug/kg	1310	ND	91	60-125		
1,2,4-Trichlorobenzene	1330	250	30	ug/kg	1310	ND	102	65-130		
1,1,1-Trichloroethane	2890	100	6.2	ug/kg	1310	1700	91	70-120		
1,1,2-Trichloroethane	1140	100	9.6	ug/kg	1310	ND	87	70-120		
Trichloroethene	1280	100	11	ug/kg	1310	ND	98	70-125		
Trichlorofluoromethane	1260	250	7.8	ug/kg	1310	ND	96	25-120		
1,2,3-Trichloropropane	1060	500	10	ug/kg	1310	ND	81	55-130		
1,2,4-Trimethylbenzene	1380	100	9.7	ug/kg	1310	ND	105	75-120		
1,3,5-Trimethylbenzene	1380	100	10	ug/kg	1310	ND	105	75-125		
Vinyl acetate	965	1200	10	ug/kg	1310	ND	74	25-130		E4
Vinyl chloride	718	250	4.7	ug/kg	1310	ND	55	10-120		
Xylenes, Total	4060	150	18	ug/kg	3930	ND	103	75-120		
Surrogate: Dibromofluoromethane	1330			ug/kg	1310		102	70-120		
Surrogate: Toluene-d8	1350			ug/kg	1310		103	75-120		
Surrogate: 4-Bromofluorobenzene	1380			ug/kg	1310		105	75-120		

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Basin & Range Hydrogeologists

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Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers	
Batch: P4L1311_Extracted: 12/01/04										
Matrix Spike Dup Analyzed: 12/13/2004 (P4L1311-MSD1)										
Acetic Acid	1040	1000	240	ug/kg	1310	ND	79	15-120	22	30
Benzene	1290	50	14	ug/kg	1310	30	96	70-120	4	15
Bromobenzene	1350	250	7.7	ug/kg	1310	ND	103	70-120	6	15
Bromochloromethane	1280	250	6.2	ug/kg	1310	ND	98	70-120	9	15
Bromodichloromethane	1280	100	9.2	ug/kg	1310	ND	98	70-120	8	15
Bromofluoromethane	1330	250	8.3	ug/kg	1310	ND	102	55-120	17	15
Bromomethane	1220	250	110	ug/kg	1310	ND	93	20-120	5	30
2-Butanone (MEK)	1130	1000	240	ug/kg	1310	ND	86	40-120	22	35
n-Butylbenzene	1440	250	18	ug/kg	1310	ND	110	75-130	3	15
sec-Butylbenzene	1520	250	12	ug/kg	1310	ND	116	75-125	5	15
tert-Butylbenzene	1480	250	11	ug/kg	1310	ND	113	75-125	5	15
Carbon Disulfide	1240	500	8.6	ug/kg	1310	ND	95	45-120	8	15
Carbon tetrachloride	1340	250	6.2	ug/kg	1310	ND	102	75-120	5	15
Chlorobenzene	1370	50	7.7	ug/kg	1310	ND	105	75-120	7	15
Chloroethane	1240	250	8.5	ug/kg	1310	ND	95	20-120	4	35
Chloroform	1230	100	8.3	ug/kg	1310	ND	94	70-120	7	15
Chloromethane	1220	250	10	ug/kg	1310	ND	93	35-120	1	20
2-Chlorotoluene	1410	250	9.9	ug/kg	1310	ND	108	75-120	4	15
4-Chlorotoluene	1440	250	8.6	ug/kg	1310	ND	110	75-120	5	15
Dibromochloromethane	1350	100	8.2	ug/kg	1310	ND	103	70-120	13	15
1,1,2-Dibromo-3-chloropropane	1220	250	65	ug/kg	1310	ND	93	50-130	22	30
1,2-Dibromomethane (EDB)	1310	100	7.7	ug/kg	1310	ND	100	65-125	17	15
Dibromomethane	1300	100	8.3	ug/kg	1310	ND	99	70-120	13	15
1,2-Dichlorobenzene	1330	100	9.2	ug/kg	1310	ND	102	75-120	6	15
1,3-Dichlorobenzene	1410	100	8.0	ug/kg	1310	ND	108	75-120	7	15
1,4-Dichlorobenzene	1360	100	9.4	ug/kg	1310	ND	104	80-120	7	15
Dichlorodifluoromethane	1460	250	11	ug/kg	1310	ND	111	10-120	3	25
1,1-Dichloroethane	1350	100	6.9	ug/kg	1310	96	96	70-120	4	15
1,2-Dichloroethane	1220	50	7.8	ug/kg	1310	ND	93	70-120	10	15
1,1-Dichloroethene	1420	250	7.5	ug/kg	1310	68	103	50-120	4	20
cis-1,2-Dichloroethene	1320	100	11	ug/kg	1310	ND	101	70-120	5	15
trans-1,2-Dichloroethene	1340	100	11	ug/kg	1310	ND	102	65-120	5	15
1,2-Dichloropropane	1260	100	7.3	ug/kg	1310	ND	96	75-120	3	15
1,3-Dichloropropane	1320	100	8.4	ug/kg	1310	ND	101	65-120	14	15
2,2-Dichloropropane	1370	100	13	ug/kg	1310	ND	105	60-120	15	15

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Data Qualifiers	
Batch: P4L1311_Extracted: 12/01/04										
Matrix Spike Dup Analyzed: 12/13/2004 (P4L1311-MSD1)										
1,1-Dichloroethene	1470	100	6.9	ug/kg	1310	ND	112	70-125	4	15
cis-1,3-Dichloropropene	1300	100	17	ug/kg	1310	ND	99	75-120	7	15
trans-1,3-Dichloropropene	1140	100	8.0	ug/kg	1310	ND	87	70-120	11	15
Ethylbenzene	1390	100	8.0	ug/kg	1310	ND	106	75-120	6	15
Hexachlorobutadiene	1560	250	77	ug/kg	1310	ND	119	70-135	5	15
2-Hexanone	1230	1000	130	ug/kg	1310	ND	94	40-120	25	35
Iodomethane	1330	250	25	ug/kg	1310	ND	102	50-120	5	15
Isopropylbenzene	1370	100	9.8	ug/kg	1310	ND	105	75-120	4	15
p-Isopropyltoluene	1480	100	13	ug/kg	1310	ND	113	75-125	6	15
Methylene chloride	1220	500	60	ug/kg	1310	80	87	50-120	5	20
4-Methyl-2-pentanone (MIBK)	1210	1000	150	ug/kg	1310	ND	92	45-135	22	35
Methyl-tert-butyl Ether (MTBE)	1370	250	13	ug/kg	1310	ND	105	60-120	14	15
Naphthalene	1290	250	67	ug/kg	1310	ND	98	50-120	21	25
n-Propylbenzene	1530	100	11	ug/kg	1310	ND	117	70-125	6	15
Styrene	1390	100	9.0	ug/kg	1310	ND	106	75-120	8	15
1,1,1,2-Tetrachloroethane	1250	250	8.5	ug/kg	1310	ND	95	75-120	7	15
1,1,2,2-Tetrachloroethane	1300	100	11	ug/kg	1310	ND	99	60-120	18	30
Tetrachloroethene	1390	100	11	ug/kg	1310	ND	106	70-120	8	15
Toluene	1320	100	8.9	ug/kg	1310	ND	101	75-120	5	15
1,2,3-Trichlorobenzene	1380	250	60	ug/kg	1310	ND	105	60-125	15	15
1,2,4-Trichlorobenzene	1480	250	30	ug/kg	1310	ND	113	65-130	11	15
1,1,1-Trichloroethane	3000	100	6.2	ug/kg	1310	1700	99	70-120	4	15
1,1,2-Trichloroethane	1320	100	9.6	ug/kg	1310	ND	101	70-120	15	15
Trichloroethene	1310	100	11	ug/kg	1310	ND	100	70-125	2	15
Trichlorofluoromethane	1360	250	7.8	ug/kg	1310	ND	104	25-120	8	25
1,2,3-Trichloropropane	1290	500	10	ug/kg	1310	ND	98	55-130	20	25
1,2,4-Trimethylbenzene	1430	100	9.7	ug/kg	1310	ND	109	75-120	4	15
1,3,5-Trimethylbenzene	1440	100	10	ug/kg	1310	ND	110	75-125	4	15
Vinyl acetate	1100	1200	10	ug/kg	1310	ND	84	25-130	13	35
Vinyl chloride	695	250	4.7	ug/kg	1310	ND	53	10-120	3	30
Xylenes, Total	4360	150	18	ug/kg	3930	ND	111	75-120	7	15
Surrogate: Dibromofluoromethane	1350			ug/kg	1310		103	70-120		
Surrogate: Toluene-d8	1350			ug/kg	1310		103	75-120		
Surrogate: 4-Bromofluorobenzene	1380			ug/kg	1310		105	75-120		

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Basin & Range Hydrogeologists

Project ID: 24018.004/Air Liquide

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Scottsdale, AZ 85251

Attention: Amy Wolkovinsky

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Limit	Data Qualifiers
Acetone	ND	1000	240	ug/kg						
Benzene	ND	50	14	ug/kg						
Bromobenzene	ND	250	7.7	ug/kg						
Bromochloromethane	ND	250	6.2	ug/kg						
Bromodichloromethane	ND	100	9.2	ug/kg						
Bromoforn	ND	250	8.3	ug/kg						
Bromomethane	ND	250	110	ug/kg						
2-Butanone (MEK)	ND	1000	240	ug/kg						
n-Butylbenzene	ND	250	18	ug/kg						
sec-Butylbenzene	ND	250	12	ug/kg						
tert-Butylbenzene	ND	250	11	ug/kg						
Carbon disulfide	ND	500	8.0	ug/kg						
Carbon tetrachloride	ND	250	6.2	ug/kg						
Chlorobenzene	ND	50	7.7	ug/kg						
Chloroethane	ND	250	8.5	ug/kg						
Chloroform	ND	100	8.3	ug/kg						
Chloromethane	ND	250	10	ug/kg						
2-Chlorotoluene	ND	250	9.9	ug/kg						
4-Chlorotoluene	ND	250	8.6	ug/kg						
Dibromochloromethane	ND	100	8.2	ug/kg						
1,2-Dibromo-3-chloropropane	ND	250	65	ug/kg						
1,2-Dibromomethane (EDB)	ND	100	7.7	ug/kg						
Dibromomethane	ND	100	8.3	ug/kg						
1,2-Dichlorobenzene	ND	100	9.2	ug/kg						
1,3-Dichlorobenzene	ND	100	8.0	ug/kg						
1,4-Dichlorobenzene	ND	100	9.4	ug/kg						
Dichlorodifluoromethane	ND	250	11	ug/kg						
1,1-Dichloroethane	ND	100	6.9	ug/kg						
1,2-Dichloroethane	ND	50	7.8	ug/kg						
1,1-Dichloroethene	ND	50	7.5	ug/kg						
cis-1,2-Dichloroethene	ND	100	11	ug/kg						
trans-1,2-Dichloroethene	ND	100	11	ug/kg						
1,2-Dichloropropane	ND	100	7.3	ug/kg						
1,3-Dichloropropane	ND	100	8.4	ug/kg						
2,2-Dichloropropane	ND	100	13	ug/kg						

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Limit	Data Qualifiers
Acetone	ND	1000	240	ug/kg						
Benzene	ND	50	14	ug/kg						
Bromobenzene	ND	250	7.7	ug/kg						
Bromochloromethane	ND	250	6.2	ug/kg						
Bromodichloromethane	ND	100	9.2	ug/kg						
Bromoforn	ND	250	8.3	ug/kg						
Bromomethane	ND	250	110	ug/kg						
2-Butanone (MEK)	ND	1000	240	ug/kg						
n-Butylbenzene	ND	250	18	ug/kg						
sec-Butylbenzene	ND	250	12	ug/kg						
tert-Butylbenzene	ND	250	11	ug/kg						
Carbon disulfide	ND	500	8.0	ug/kg						
Carbon tetrachloride	ND	250	6.2	ug/kg						
Chlorobenzene	ND	50	7.7	ug/kg						
Chloroethane	ND	250	8.5	ug/kg						
Chloroform	ND	100	8.3	ug/kg						
Chloromethane	ND	250	10	ug/kg						
2-Chlorotoluene	ND	250	9.9	ug/kg						
4-Chlorotoluene	ND	250	8.6	ug/kg						
Dibromochloromethane	ND	100	8.2	ug/kg						
1,2-Dibromo-3-chloropropane	ND	250	65	ug/kg						
1,2-Dibromomethane (EDB)	ND	100	7.7	ug/kg						
Dibromomethane	ND	100	8.3	ug/kg						
1,2-Dichlorobenzene	ND	100	9.2	ug/kg						
1,3-Dichlorobenzene	ND	100	8.0	ug/kg						
1,4-Dichlorobenzene	ND	100	9.4	ug/kg						
Dichlorodifluoromethane	ND	250	11	ug/kg						
1,1-Dichloroethane	ND	100	6.9	ug/kg						
1,2-Dichloroethane	ND	50	7.8	ug/kg						
1,1-Dichloroethene	ND	50	7.5	ug/kg						
cis-1,2-Dichloroethene	ND	100	11	ug/kg						
trans-1,2-Dichloroethene	ND	100	11	ug/kg						
1,2-Dichloropropane	ND	100	7.3	ug/kg						
1,3-Dichloropropane	ND	100	8.4	ug/kg						
2,2-Dichloropropane	ND	100	13	ug/kg						

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Scottsdale, AZ 85251

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD Limit	Data Qualifiers
Batch: P4L1424 Extracted: 11/30/04									
LCS Analyzed: 12/14/2004 (P4L1424-BS1)									
Acetone	838	1000	240	ug/kg	1250	69	15-120		E4
Benzene	1240	50	14	ug/kg	1250	99	80-120		
Bromobenzene	1290	250	7.7	ug/kg	1250	103	80-120		
Bromochloromethane	1270	250	6.2	ug/kg	1250	102	80-120		
Bromodichloromethane	1250	100	9.2	ug/kg	1250	100	80-120		
Bromofarm	1200	250	8.3	ug/kg	1250	96	65-120		
Bromomethane	1130	250	110	ug/kg	1250	90	25-120		
2-Butanone (MEK)	986	1000	240	ug/kg	1250	79	45-125		E4
n-Butylbenzene	1450	250	18	ug/kg	1250	116	80-130		
sec-Butylbenzene	1480	250	12	ug/kg	1250	118	80-130		
tert-Butylbenzene	1430	250	11	ug/kg	1250	114	80-130		
Carbon Disulfide	1140	500	8.0	ug/kg	1250	91	50-120		
Carbon tetrachloride	1340	250	6.2	ug/kg	1250	107	80-125		
Chlorobenzene	1300	50	7.7	ug/kg	1250	104	80-120		
Chloroethane	1170	250	8.5	ug/kg	1250	94	20-120		
Chloroform	1210	100	8.3	ug/kg	1250	97	80-120		
Chloromethane	1240	250	10	ug/kg	1250	99	45-120		
2-Chlorotoluene	1380	250	9.9	ug/kg	1250	110	80-120		
4-Chlorotoluene	1380	250	8.6	ug/kg	1250	110	80-125		
Dibromodichloromethane	1270	100	8.2	ug/kg	1250	102	75-120		
1,2-Dibromo-3-chloropropane	1150	250	6.5	ug/kg	1250	92	50-120		
1,2-Dibromomethane (EDB)	1250	100	7.7	ug/kg	1250	100	75-125		
Dibromomethane	1300	100	8.3	ug/kg	1250	104	80-120		
1,2-Dichlorobenzene	1300	100	9.2	ug/kg	1250	104	80-120		
1,3-Dichlorobenzene	1360	100	8.0	ug/kg	1250	109	80-120		
1,4-Dichlorobenzene	1310	100	9.4	ug/kg	1250	105	80-120		
Dichlorodifluoromethane	1390	250	11	ug/kg	1250	111	20-120		
1,1-Dichloroethane	1240	100	6.9	ug/kg	1250	99	80-120		
1,2-Dichloroethane	1190	50	7.8	ug/kg	1250	95	75-120		
1,1-Dichloroethene	1330	250	7.5	ug/kg	1250	106	65-120		
cis-1,2-Dichloroethene	1300	100	11	ug/kg	1250	104	80-120		
trans-1,2-Dichloroethene	1350	100	11	ug/kg	1250	108	80-120		
1,3-Dichloropropane	1260	100	7.3	ug/kg	1250	101	80-120		
1,3-Dichloropropane	1240	100	8.4	ug/kg	1250	99	80-120		
2,2-Dichloropropane	1350	100	13	ug/kg	1250	108	80-120		

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Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD Limit	Data Qualifiers
Batch: P4L1424 Extracted: 11/30/04									
LCS Analyzed: 12/14/2004 (P4L1424-BS1)									
1,1-Dichloropropane	1480	100	6.9	ug/kg	1250	118	80-120		
cis-1,3-Dichloropropene	1280	100	17	ug/kg	1250	102	80-120		
trans-1,3-Dichloropropene	1140	100	8.0	ug/kg	1250	91	80-120		
Ethylbenzene	1320	100	8.0	ug/kg	1250	106	80-120		
Hexachlorobutadiene	1590	250	77	ug/kg	1250	127	80-140		
2-Hexanone	1150	1000	130	ug/kg	1250	92	50-120		
Iodomethane	1280	250	25	ug/kg	1250	102	60-120		
Isopropylbenzene	1310	100	9.8	ug/kg	1250	105	80-125		
p-Isopropyltoluene	1450	100	13	ug/kg	1250	116	80-130		
Methylene chloride	1150	500	60	ug/kg	1250	92	60-120		
4-Methyl-2-pentanone (MIBK)	1160	1000	150	ug/kg	1250	93	50-120		
Methyl-tert-butyl Ether (MTBE)	1300	250	13	ug/kg	1250	104	75-120		
Naphthalene	1250	250	67	ug/kg	1250	100	60-120		
n-Propylbenzene	1470	100	11	ug/kg	1250	118	80-130		
Styrene	1310	100	9.0	ug/kg	1250	105	80-125		
1,1,1,2-Tetrachloroethane	1190	250	8.5	ug/kg	1250	95	80-120		
1,1,2,2-Tetrachloroethane	1280	100	11	ug/kg	1250	102	60-120		
Tetrachloroethene	1360	100	11	ug/kg	1250	109	80-120		
Toluene	1290	100	8.9	ug/kg	1250	103	80-120		
1,2,3-Trichlorobenzene	1390	250	60	ug/kg	1250	111	70-130		
1,2,4-Trichlorobenzene	1480	250	30	ug/kg	1250	118	75-135		
1,1,1-Trichloroethane	1220	100	6.2	ug/kg	1250	98	80-120		
1,1,2-Trichloroethane	1270	100	9.6	ug/kg	1250	102	75-120		
Trichloromethane	1290	100	11	ug/kg	1250	103	80-120		
Trichlorofluoromethane	1210	250	7.8	ug/kg	1250	97	30-130		
1,2,3-Trichloropropene	1230	500	10	ug/kg	1250	98	60-120		
1,2,4-Trimethylbenzene	1390	100	9.7	ug/kg	1250	111	80-120		
1,3,5-Trimethylbenzene	1420	100	10	ug/kg	1250	114	80-130		
Vinyl acetate	1240	1200	10	ug/kg	1250	99	30-120		
Vinyl chloride	634	250	4.7	ug/kg	1250	51	10-120		
Xylenes, Total	4110	150	18	ug/kg	3750	110	80-120		
Surrogate: Dibromofluoromethane	1280			ug/kg	1250	102	70-120		
Surrogate: Toluene-d8	1300			ug/kg	1250	104	75-120		
Surrogate: 4-Bromofluorobenzene	1290			ug/kg	1250	103	75-120		

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Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Batch: P4L1424 Extracted: 11/30/04									
LCS Dup Analyzed: 12/14/2004 (P4L1424-BSD1)									
Acetone	862	1000	240	ug/kg	1250	69	15-120	1	35
Benzene	1220	50	14	ug/kg	1250	98	80-120	2	15
Bromobenzene	1310	250	7.7	ug/kg	1250	105	80-120	2	15
Bromochloromethane	1280	250	6.2	ug/kg	1250	102	80-120	1	15
Bromodichloromethane	1250	100	9.2	ug/kg	1250	100	80-120	0	15
Bromoforn	1240	250	8.3	ug/kg	1250	99	65-120	3	15
Bromomethane	1100	250	110	ug/kg	1250	88	25-120	3	35
2-Butanone (MEK)	1120	1000	240	ug/kg	1250	90	45-125	13	30
n-Butylbenzene	1420	250	18	ug/kg	1250	114	80-130	2	15
sec-Butylbenzene	1470	250	12	ug/kg	1250	118	80-130	1	15
tert-Butylbenzene	1420	250	11	ug/kg	1250	114	80-130	1	15
Carbon Disulfide	1130	500	8.0	ug/kg	1250	90	50-120	1	15
Carbon tetrachloride	1310	250	6.2	ug/kg	1250	105	80-125	2	15
Chlorobenzene	1290	50	7.7	ug/kg	1250	103	80-120	1	15
Chloroethane	1140	250	8.5	ug/kg	1250	91	20-120	3	35
Chloroform	1190	100	8.3	ug/kg	1250	95	80-120	2	15
Chloromethane	1140	250	10	ug/kg	1250	91	45-120	8	20
4-Chlorotoluene	1370	250	9.9	ug/kg	1250	110	80-120	1	15
Dibromochloromethane	1380	250	8.6	ug/kg	1250	110	80-125	0	15
Dibromomethane	1250	100	8.2	ug/kg	1250	100	75-120	2	15
1,2-Dibromo-3-chloropropane	1140	250	6.5	ug/kg	1250	91	50-120	1	25
1,2-Dibromomethane (EDB)	1280	100	7.7	ug/kg	1250	102	75-125	2	15
Dibromomethane	1270	100	8.3	ug/kg	1250	102	80-120	2	15
1,2-Dichlorobenzene	1330	100	9.2	ug/kg	1250	106	80-120	2	15
1,3-Dichlorobenzene	1380	100	8.0	ug/kg	1250	110	80-120	1	15
1,4-Dichlorobenzene	1320	100	9.4	ug/kg	1250	106	80-120	1	15
Dichlorodifluoromethane	1370	250	11	ug/kg	1250	110	20-120	1	20
1,1-Dichloroethane	1220	100	6.9	ug/kg	1250	98	80-120	2	15
1,2-Dichloroethane	1180	50	7.8	ug/kg	1250	94	75-120	1	15
1,1-Dichloroethene	1300	250	7.5	ug/kg	1250	104	65-120	2	20
cis-1,2-Dichloroethene	1280	100	11	ug/kg	1250	102	80-120	2	15
trans-1,2-Dichloroethene	1310	100	11	ug/kg	1250	105	80-120	3	15
1,2-Dichloropropane	1260	100	7.3	ug/kg	1250	100	80-120	1	15
1,3-Dichloropropane	1260	100	8.4	ug/kg	1250	101	80-120	2	15
2,2-Dichloropropane	1320	100	13	ug/kg	1250	106	80-120	2	15

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Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Batch: P4L1424 Extracted: 11/30/04									
LCS Dup Analyzed: 12/14/2004 (P4L1424-BSD1)									
1,1-Dichloropropene	1420	100	6.9	ug/kg	1250	114	80-120	4	15
cis-1,3-Dichloropropene	1290	100	17	ug/kg	1250	103	80-120	1	15
trans-1,3-Dichloropropene	1130	100	8.0	ug/kg	1250	90	80-120	1	15
Heptachlorocyclopentadiene	1310	100	8.0	ug/kg	1250	105	80-120	1	15
Hexachlorocyclopentadiene	1540	250	77	ug/kg	1250	123	80-140	3	15
2-Hexanone	1150	1000	130	ug/kg	1250	92	50-120	0	35
Iodomethane	1240	250	25	ug/kg	1250	99	60-120	3	20
Isopropylbenzene	1300	100	9.8	ug/kg	1250	104	80-125	1	15
p-Isopropyltoluene	1440	100	13	ug/kg	1250	115	80-130	1	15
Methylene chloride	1140	500	60	ug/kg	1250	91	60-120	1	15
4-Methyl-2-pentanone (MIBK)	1140	1000	150	ug/kg	1250	91	50-120	2	30
Methyl-tert-butyl Ether (MTBE)	1300	250	13	ug/kg	1250	104	75-120	0	20
Naphthalene	1270	250	67	ug/kg	1250	102	60-120	2	20
n-Propylbenzene	1460	100	11	ug/kg	1250	117	80-130	1	15
Styrene	1310	100	9.0	ug/kg	1250	105	80-125	0	15
1,1,1,2-Tetrachloroethane	1200	250	8.5	ug/kg	1250	96	80-120	1	15
1,1,2,2-Tetrachloroethane	1280	100	11	ug/kg	1250	102	60-120	0	20
Tetrachloroethene	1340	100	11	ug/kg	1250	107	80-120	1	15
Toluene	1270	100	8.9	ug/kg	1250	102	80-120	2	15
1,2,3-Trichlorobenzene	1380	250	60	ug/kg	1250	110	70-130	1	15
1,2,4-Trichlorobenzene	1460	250	30	ug/kg	1250	117	75-135	1	15
1,1,1-Trichloroethane	1220	100	6.2	ug/kg	1250	98	80-120	0	15
1,1,2-Trichloroethane	1280	100	9.6	ug/kg	1250	102	75-120	1	15
Trichloroethene	1280	100	11	ug/kg	1250	102	80-120	1	15
Trichlorofluoromethane	1200	250	7.8	ug/kg	1250	96	30-130	1	20
1,2,3-Trichloropropane	1260	500	10	ug/kg	1250	101	60-120	2	20
1,2,4-Trimethylbenzene	1390	100	9.7	ug/kg	1250	111	80-120	0	15
1,3,5-Trimethylbenzene	1420	100	10	ug/kg	1250	114	80-130	0	15
Vinyl acetate	1230	1260	10	ug/kg	1250	98	30-120	1	35
Vinyl chloride	626	250	4.7	ug/kg	1250	50	10-120	1	35
Xylenes, Total	4100	150	18	ug/kg	1250	109	80-120	0	15
Surrogate: Dibromofluoromethane	1290			ug/kg	1250	103	70-120		
Surrogate: Toluene-d8	1280			ug/kg	1250	102	75-120		
Surrogate: 4-Bromofluorobenzene	1270			ug/kg	1250	102	75-120		

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Basin & Range Hydrogeologists

Project ID: 24018.004/Air Liquide

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

Attention: Amy Wolkowinsky

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source	%REC	RPD	Limit	Data Qualifiers
Acetone	727	1000	240	ug/kg	1030	ND	71	15-120		E4
Benzene	1020	50	14	ug/kg	1030	ND	99	70-120		
Bromobenzene	1120	250	7.7	ug/kg	1030	ND	109	70-120		
Bromochloromethane	1020	250	6.2	ug/kg	1030	ND	99	70-120		
Bromodichloromethane	1040	100	9.2	ug/kg	1030	ND	101	70-120		
Bromoforn	1100	250	8.3	ug/kg	1030	ND	107	55-120		
Bromomethane	964	250	110	ug/kg	1030	ND	94	20-120		
2-Butanone (MEK)	818	1000	240	ug/kg	1030	ND	79	40-120		E4
n-Butylbenzene	1190	250	18	ug/kg	1030	ND	116	75-130		
sec-Butylbenzene	1270	250	12	ug/kg	1030	ND	123	75-125		
tert-Butylbenzene	1220	250	11	ug/kg	1030	ND	118	75-125		
Carbon Disulfide	952	500	8.0	ug/kg	1030	ND	92	45-120		
Carbon tetrachloride	1130	250	6.2	ug/kg	1030	ND	110	75-120		
Chlorobenzene	1070	50	7.7	ug/kg	1030	ND	104	75-120		
Chloroethane	973	250	8.5	ug/kg	1030	ND	94	20-120		
Chloroform	978	100	8.3	ug/kg	1030	ND	95	70-120		
Chloromethane	973	250	10	ug/kg	1030	ND	94	35-120		
2-Chloroethane	1180	250	9.9	ug/kg	1030	ND	115	75-120		
4-Chloroethane	1190	250	8.6	ug/kg	1030	ND	116	75-120		
Dibromochloromethane	1050	100	8.2	ug/kg	1030	ND	102	70-120		
1,2-Dibromo-3-chloropropane	1100	250	6.5	ug/kg	1030	ND	107	50-130		
1,2-Dibromomethane (EDB)	1000	100	7.7	ug/kg	1030	ND	97	65-125		
Dibromomethane	1040	100	8.3	ug/kg	1030	ND	101	70-120		
1,2-Dichlorobenzene	1060	100	9.2	ug/kg	1030	ND	103	75-120		
1,3-Dichlorobenzene	1160	100	8.0	ug/kg	1030	ND	113	75-120		
1,4-Dichlorobenzene	1090	100	9.4	ug/kg	1030	ND	106	80-120		
Dichlorodifluoromethane	1140	250	11	ug/kg	1030	ND	111	10-120		
1,1-Dichloroethane	1370	300	6.9	ug/kg	1030	390	95	70-120		
1,2-Dichloroethane	966	50	7.8	ug/kg	1030	ND	94	70-120		
1,1-Dichloroethane	1360	250	7.5	ug/kg	1030	300	103	50-120		
cis-1,2-Dichloroethene	1050	100	11	ug/kg	1030	ND	102	70-120		
trans-1,2-Dichloroethene	1080	100	11	ug/kg	1030	ND	105	65-120		
1,3-Dichloropropane	1040	100	7.3	ug/kg	1030	ND	101	75-120		
1,3-Dichloropropane	999	100	8.4	ug/kg	1030	ND	97	65-120		
2,2-Dichloropropane	1090	100	13	ug/kg	1030	ND	106	60-120		

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Project Manager

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Basin & Range Hydrogeologists

Project ID: 24018.004/Air Liquide

6155 E. Indian School Rd., Suite 100A

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

Attention: Amy Wolkowinsky

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source	%REC	RPD	Limit	Data Qualifiers
Acetone	727	1000	240	ug/kg	1030	ND	71	15-120		E4
Benzene	1020	50	14	ug/kg	1030	ND	99	70-120		
Bromobenzene	1120	250	7.7	ug/kg	1030	ND	109	70-120		
Bromochloromethane	1020	250	6.2	ug/kg	1030	ND	99	70-120		
Bromodichloromethane	1040	100	9.2	ug/kg	1030	ND	101	70-120		
Bromoforn	1100	250	8.3	ug/kg	1030	ND	107	55-120		
Bromomethane	964	250	110	ug/kg	1030	ND	94	20-120		
2-Butanone (MEK)	818	1000	240	ug/kg	1030	ND	79	40-120		E4
n-Butylbenzene	1190	250	18	ug/kg	1030	ND	116	75-130		
sec-Butylbenzene	1270	250	12	ug/kg	1030	ND	123	75-125		
tert-Butylbenzene	1220	250	11	ug/kg	1030	ND	118	75-125		
Carbon Disulfide	952	500	8.0	ug/kg	1030	ND	92	45-120		
Carbon tetrachloride	1130	250	6.2	ug/kg	1030	ND	110	75-120		
Chlorobenzene	1070	50	7.7	ug/kg	1030	ND	104	75-120		
Chloroethane	973	250	8.5	ug/kg	1030	ND	94	20-120		
Chloroform	978	100	8.3	ug/kg	1030	ND	95	70-120		
Chloromethane	973	250	10	ug/kg	1030	ND	94	35-120		
2-Chloroethane	1180	250	9.9	ug/kg	1030	ND	115	75-120		
4-Chloroethane	1190	250	8.6	ug/kg	1030	ND	116	75-120		
Dibromochloromethane	1050	100	8.2	ug/kg	1030	ND	102	70-120		
1,2-Dibromo-3-chloropropane	1100	250	6.5	ug/kg	1030	ND	107	50-130		
1,2-Dibromomethane (EDB)	1000	100	7.7	ug/kg	1030	ND	97	65-125		
Dibromomethane	1040	100	8.3	ug/kg	1030	ND	101	70-120		
1,2-Dichlorobenzene	1060	100	9.2	ug/kg	1030	ND	103	75-120		
1,3-Dichlorobenzene	1160	100	8.0	ug/kg	1030	ND	113	75-120		
1,4-Dichlorobenzene	1090	100	9.4	ug/kg	1030	ND	106	80-120		
Dichlorodifluoromethane	1140	250	11	ug/kg	1030	ND	111	10-120		
1,1-Dichloroethane	1370	300	6.9	ug/kg	1030	390	95	70-120		
1,2-Dichloroethane	966	50	7.8	ug/kg	1030	ND	94	70-120		
1,1-Dichloroethane	1360	250	7.5	ug/kg	1030	300	103	50-120		
cis-1,2-Dichloroethene	1050	100	11	ug/kg	1030	ND	102	70-120		
trans-1,2-Dichloroethene	1080	100	11	ug/kg	1030	ND	105	65-120		
1,3-Dichloropropane	1040	100	7.3	ug/kg	1030	ND	101	75-120		
1,3-Dichloropropane	999	100	8.4	ug/kg	1030	ND	97	65-120		
2,2-Dichloropropane	1090	100	13	ug/kg	1030	ND	106	60-120		

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	RPD	Data Qualifiers
Batch: P4L1424 Extracted: 12/02/04									
Matrix Spike Dup Analyzed: 12/14/2004 (P4L1424-MSD1)									
Acetone	818	1000	240	ug/kg	1030	ND	79	15-120	12
Benzene	1040	50	14	ug/kg	1030	ND	101	70-120	2
Bromobenzene	1100	250	7.7	ug/kg	1030	ND	107	70-120	2
Bromochloromethane	1070	250	6.2	ug/kg	1030	ND	104	70-120	5
Bromodichloromethane	1040	100	9.2	ug/kg	1030	ND	101	70-120	0
Bromoform	1040	250	8.3	ug/kg	1030	ND	101	55-120	6
Bromomethane	939	250	110	ug/kg	1030	ND	91	20-120	3
2-Butanone (MEK)	905	1000	240	ug/kg	1030	ND	88	40-120	10
n-Butylbenzene	1180	250	18	ug/kg	1030	ND	115	75-130	1
sec-Butylbenzene	1260	250	12	ug/kg	1030	ND	122	75-125	1
tert-Butylbenzene	1210	250	11	ug/kg	1030	ND	117	75-125	1
Carbon Disulfide	991	500	8.0	ug/kg	1030	ND	96	45-120	4
Carbon tetrachloride	1120	250	6.2	ug/kg	1030	ND	109	75-120	1
Chlorobenzene	1090	50	7.7	ug/kg	1030	ND	106	75-120	2
Chloroethane	1030	250	8.3	ug/kg	1030	ND	102	20-120	8
Chloroform	1030	100	8.3	ug/kg	1030	ND	100	70-120	5
Chloromethane	1040	250	10	ug/kg	1030	ND	101	35-120	7
2-Chlorotoluene	1180	250	9.9	ug/kg	1030	ND	115	75-120	0
4-Chlorotoluene	1190	250	8.6	ug/kg	1030	ND	116	75-120	0
Dibromodichloromethane	1050	100	8.2	ug/kg	1030	ND	102	70-120	0
1,2-Dibromo-3-chloropropane	1080	250	6.5	ug/kg	1030	ND	105	50-130	2
1,2-Dibromomethane (EDB)	1020	100	7.7	ug/kg	1030	ND	99	65-125	2
Dibromomethane	1050	100	8.3	ug/kg	1030	ND	102	70-120	1
1,3-Dichlorobenzene	1050	100	9.2	ug/kg	1030	ND	102	75-120	1
1,3-Dichlorobenzene	1140	100	8.0	ug/kg	1030	ND	111	75-120	2
1,4-Dichlorobenzene	1110	100	9.4	ug/kg	1030	ND	108	80-120	2
Dichlorodifluoromethane	1200	250	11	ug/kg	1030	ND	117	10-120	5
1,1-Dichloroethane	1470	100	6.9	ug/kg	1030	390	105	70-120	7
1,2-Dichloroethane	1020	50	7.8	ug/kg	1030	ND	99	70-120	5
1,1-Dichloroethane	1460	250	7.3	ug/kg	1030	300	113	50-120	7
cis-1,2-Dichloroethene	1110	100	11	ug/kg	1030	ND	108	70-120	6
trans-1,2-Dichloroethene	1160	100	11	ug/kg	1030	ND	113	65-120	7
1,2-Dichloropropane	1060	100	7.3	ug/kg	1030	ND	103	75-120	2
1,3-Dichloropropane	1040	100	8.4	ug/kg	1030	ND	101	65-120	4
2,2-Dichloropropane	1110	100	13	ug/kg	1030	ND	108	60-120	2

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	Limit	RPD	Data Qualifiers
Batch: P4L1424 Extracted: 12/02/04										
Matrix Spike Dup Analyzed: 12/14/2004 (P4L1424-MSD1)										
1,1-Dichloropropene	1250	100	6.9	ug/kg	1030	ND	121	70-125	1	15
cis-1,3-Dichloropropene	1050	100	17	ug/kg	1030	ND	102	75-120	1	15
trans-1,3-Dichloropropene	921	100	8.0	ug/kg	1030	ND	89	70-120	1	15
Ethylbenzene	1120	100	8.0	ug/kg	1030	ND	109	75-120	3	15
Hexachlorobutadiene	1090	250	77	ug/kg	1030	ND	106	70-135	4	15
2-Hexanone	930	1000	130	ug/kg	1030	ND	90	40-120	1	35
Iodomethane	1080	250	25	ug/kg	1030	ND	105	50-120	3	15
Isopropylbenzene	1150	100	9.8	ug/kg	1030	ND	112	75-120	2	15
p-Isopropyltoluene	1220	100	13	ug/kg	1030	ND	118	75-125	1	15
Methylene chloride	1020	500	60	ug/kg	1030	ND	99	50-120	8	20
4-Methyl-2-pentanone (MIBK)	949	1000	150	ug/kg	1030	ND	92	45-135	2	35
Methyl-tert-butyl Ether (MTBE)	1100	250	13	ug/kg	1030	ND	107	60-120	0	25
Naphthalene	1260	100	11	ug/kg	1030	ND	122	70-125	2	15
n-Propylbenzene	1090	100	9.0	ug/kg	1030	ND	106	75-120	1	15
Styrene	1010	100	8.5	ug/kg	1030	ND	93	75-120	2	15
1,1,1,2-Tetrachloroethane	1080	100	11	ug/kg	1030	ND	105	60-120	0	30
1,1,2,2-Tetrachloroethane	1410	100	11	ug/kg	1030	ND	110	70-120	2	15
Tetrachloroethene	1080	100	8.9	ug/kg	1030	ND	105	75-120	3	15
Toluene	808	250	60	ug/kg	1030	ND	78	60-125	4	15
1,2,3-Trichlorobenzene	975	250	30	ug/kg	1030	ND	95	65-130	1	15
1,2,4-Trichlorobenzene	8020	100	6.2	ug/kg	1030	7300	70	70-120	4	15
1,1,1-Trichloroethane	1140	100	9.6	ug/kg	1030	85	102	70-120	1	15
1,1,2-Trichloroethane	1140	100	11	ug/kg	1030	ND	111	70-125	4	15
Trichlorofluoromethane	1050	250	7.8	ug/kg	1030	ND	102	25-120	6	25
1,2,3-Trichloropropane	1040	500	10	ug/kg	1030	ND	101	55-130	1	25
1,2,4-Trimethylbenzene	1170	100	9.7	ug/kg	1030	ND	114	75-120	2	15
1,3,5-Trimethylbenzene	1210	100	10	ug/kg	1030	ND	117	75-125	0	15
Vinyl acetate	629	1200	10	ug/kg	1030	ND	61	25-130	39	35
Vinyl chloride	547	250	4.7	ug/kg	1030	ND	53	10-120	2	30
Xylenes, Total	3470	150	18	ug/kg	3100	ND	112	75-120	4	15
Surrrogate: Dibromofluoromethane	1070			ug/kg	1030		104	70-120		
Surrrogate: Toluene-d8	1060			ug/kg	1030		103	75-120		
Surrrogate: 4-Bromofluorobenzene	1090			ug/kg	1030		106	75-120		

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

1,4-DIOXANE BY GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Data Qualifiers
Batch: P4L1315 Extracted: 12/11/04									
Blank Analyzed: 12/11/2004 (P4L1315-BLK1)	ND	100	N/A	ug/kg	100				
1,4-Dioxane				ug/kg					
Surrogate: Dibromofluoromethane	103						103	80-125	
LCS Analyzed: 12/11/2004 (P4L1315-BST)	759	100	N/A	ug/kg	1000		76	70-130	
1,4-Dioxane				ug/kg			103	80-125	
Surrogate: Dibromofluoromethane	103								
LCS Dup Analyzed: 12/11/2004 (P4L1315-BSD1)	726	100	N/A	ug/kg	1000		73	70-130	
1,4-Dioxane				ug/kg			104	80-125	
Surrogate: Dibromofluoromethane	104								
Batch: P4L1319 Extracted: 12/14/04									
Blank Analyzed: 12/14/2004 (P4L1319-BLK1)	ND	100	N/A	ug/kg	100				
1,4-Dioxane				ug/kg					
Surrogate: Dibromofluoromethane	101						101	70-120	
LCS Analyzed: 12/14/2004 (P4L1319-BST)	801	100	N/A	ug/kg	1000		80	70-130	
1,4-Dioxane				ug/kg			104	70-120	
Surrogate: Dibromofluoromethane	104								
LCS Dup Analyzed: 12/14/2004 (P4L1319-BSD1)	738	100	N/A	ug/kg	1000		74	70-130	
1,4-Dioxane				ug/kg			86	70-120	
Surrogate: Dibromofluoromethane	86.0								
Matrix Spike Analyzed: 12/14/2004 (P4L1319-MS1)									
1,4-Dioxane	720	84	N/A	ug/kg	844	58	78	70-150	
Surrogate: Dibromofluoromethane	134						159	70-120	
Source: PNL0081-09									
									510

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Basin & Range Hydrogeologists

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Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

1,4-DIOXANE BY GC/MS (EPA 5035/8260B)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Data Qualifiers
Batch: P4L1319 Extracted: 12/02/04									
Matrix Spike Dup Analyzed: 12/14/2004 (P4L1319-MSD1)									
1,4-Dioxane	698	84	N/A	ug/kg	844	58	76	70-150	
Surrogate: Dibromofluoromethane	96.2						114	70-120	
Batch: P4L1404 Extracted: 12/13/04									
Blank Analyzed: 12/13/2004 (P4L1404-BLK1)	ND	100	N/A	ug/kg	100				
1,4-Dioxane				ug/kg					
Surrogate: Dibromofluoromethane	96.0						96	70-120	
LCS Analyzed: 12/13/2004 (P4L1404-BST)	877	100	N/A	ug/kg	1000		88	70-130	
1,4-Dioxane				ug/kg			97	70-130	
Surrogate: Dibromofluoromethane	97.0								
LCS Dup Analyzed: 12/13/2004 (P4L1404-BSD1)	785	100	N/A	ug/kg	1000		78	70-130	
1,4-Dioxane				ug/kg			95	70-130	
Surrogate: Dibromofluoromethane	95.0								
Matrix Spike Analyzed: 12/13/2004 (P4L1404-MS1)									
1,4-Dioxane	1120	100	N/A	ug/kg	1060	330	75	70-150	
Surrogate: Dibromofluoromethane	96.3						91	70-130	
Source: PNK0837-16									
Matrix Spike Dup Analyzed: 12/13/2004 (P4L1404-MSD1)									
1,4-Dioxane	1100	100	N/A	ug/kg	1060	330	73	70-150	
Surrogate: Dibromofluoromethane	108						102	70-130	
Source: PNK0837-16									

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Scottsdale, AZ 85251
Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

TOTAL METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	%REC	RPD	Limit	Data Qualifiers
Batch: P4L0320 Extracted: 12/03/04											

Blank Analyzed: 12/08/2004 (P4L0320-BLK1)

Arsenic	ND	5.0	N/A	mg/kg	100	ND	118	80-120	3	20	
Barium	ND	1.0	N/A	mg/kg	100	ND	104	80-120	4	20	
Cadmium	ND	0.50	N/A	mg/kg	100	ND	108	80-120	4	20	
Chromium	ND	1.0	N/A	mg/kg	100	ND	104	80-120	3	20	
Lead	ND	5.0	N/A	mg/kg	100	ND	110	80-120	3	20	
Selenium	6.12	5.0	N/A	mg/kg	100	ND	119	80-120	3	20	
Silver	ND	0.50	N/A	mg/kg	100	ND	107	80-120	3	20	

LCS Analyzed: 12/08/2004 (P4L0320-BS1)

Arsenic	118	5.0	N/A	mg/kg	100	118	80-120	114	80-120	3	20
Barium	104	1.0	N/A	mg/kg	100	104	80-120	100	80-120	4	20
Cadmium	108	0.50	N/A	mg/kg	100	108	80-120	104	80-120	4	20
Chromium	104	1.0	N/A	mg/kg	100	104	80-120	101	80-120	3	20
Lead	110	5.0	N/A	mg/kg	100	110	80-120	107	80-120	3	20
Selenium	119	5.0	N/A	mg/kg	100	119	80-120	115	80-120	3	20
Silver	107	0.50	N/A	mg/kg	100	107	80-120	104	80-120	3	20

LCS Dup Analyzed: 12/08/2004 (P4L0320-BS1)

Arsenic	114	5.0	N/A	mg/kg	100	114	80-120	114	80-120	3	20
Barium	100	1.0	N/A	mg/kg	100	100	80-120	100	80-120	4	20
Cadmium	104	0.50	N/A	mg/kg	100	104	80-120	104	80-120	4	20
Chromium	101	1.0	N/A	mg/kg	100	101	80-120	101	80-120	3	20
Lead	107	5.0	N/A	mg/kg	100	107	80-120	107	80-120	3	20
Selenium	115	5.0	N/A	mg/kg	100	115	80-120	115	80-120	3	20
Silver	104	0.50	N/A	mg/kg	100	104	80-120	104	80-120	3	20

Matrix Spike Analyzed: 12/08/2004 (P4L0320-MS1)

Arsenic	117	5.0	N/A	mg/kg	100	2.4	115	75-125	104	85-115	2
Barium	468	1.0	N/A	mg/kg	100	380	88	75-125	104	85-115	2
Cadmium	97.5	0.50	N/A	mg/kg	100	0.56	97	75-125	104	85-115	2
Chromium	119	1.0	N/A	mg/kg	100	18	101	75-125	104	85-115	2
Lead	115	5.0	N/A	mg/kg	100	13	102	75-125	104	85-115	2
Selenium	112	5.0	N/A	mg/kg	100	ND	112	75-125	104	85-115	2
Silver	108	0.50	N/A	mg/kg	100	0.12	108	75-125	104	85-115	2

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Attention: Amy Wolkowinsky
Project ID: 24018.004/Air Liquide
Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

TOTAL METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	%REC	RPD	Limit	Data Qualifiers
Batch: P4L0320 Extracted: 12/03/04											

Matrix Spike Dup Analyzed: 12/08/2004 (P4L0320-MSD1)

Arsenic	109	5.0	N/A	mg/kg	100	2.4	107	75-125	7	20	
Barium	459	1.0	N/A	mg/kg	100	380	79	75-125	2	20	
Cadmium	92.8	0.50	N/A	mg/kg	100	0.56	92	75-125	5	20	
Chromium	116	1.0	N/A	mg/kg	100	18	98	75-125	3	20	
Lead	110	5.0	N/A	mg/kg	100	13	97	75-125	4	20	
Selenium	99.9	5.0	N/A	mg/kg	100	ND	100	75-125	11	20	
Silver	106	0.50	N/A	mg/kg	100	0.12	106	75-125	2	20	

Blank Analyzed: 12/08/2004 (P4L0721-BLK1)

Mercury	ND	0.020	N/A	mg/kg							
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LCS Analyzed: 12/08/2004 (P4L0721-BS1)

Mercury	0.704	0.020	N/A	mg/kg	0.667	106	85-115	106	85-115		
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LCS Dup Analyzed: 12/08/2004 (P4L0721-BS1)

Mercury	0.692	0.020	N/A	mg/kg	0.667	104	85-115	104	85-115	2	15
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Matrix Spike Analyzed: 12/08/2004 (P4L0721-MS1)

Mercury	0.713	0.020	N/A	mg/kg	0.667	ND	107	85-115	ND	107	
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Basin & Range Hydrogeologists

Project ID: 24018.004/Air Liquide

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Attention: Amy Wolkowinsky

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Data Qualifiers
pH	7.03	NA	N/A	pH Units	6.89	Source: PNK0837-07	2	10	
pH	7.02	NA	N/A	pH Units	7.00	100	95-105		

Duplicate Analyzed: 12/09/2004 (P4L1016-DUP1)

Reference Analyzed: 12/09/2004 (P4L1016-SRM1)



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METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Data Qualifiers
Batch: 4L03031 Extracted: 12/03/04									
Blank Analyzed: 12/06/2004 (4L03031-BLK1)									
Acenaphthene	ND	330	N/A	ug/kg					
Acenaphthylene	ND	330	N/A	ug/kg					
Anthracene	ND	330	N/A	ug/kg					
Benzoic acid	ND	830	N/A	ug/kg					
Benzo(a)anthracene	ND	330	N/A	ug/kg					
Benzo(b)fluoranthene	ND	300	N/A	ug/kg					
Benzo(g,h,i)perylene	ND	330	N/A	ug/kg					
Benzo(a)pyrene	ND	330	N/A	ug/kg					
Benzyl alcohol	ND	330	N/A	ug/kg					
Bis(2-chloroethoxy)methane	ND	330	N/A	ug/kg					
Bis(2-chloroethyl)ether	ND	170	N/A	ug/kg					
Bis(2-chloroisopropyl)ether	ND	330	N/A	ug/kg					
Bis(2-ethylhexyl)phthalate	ND	330	N/A	ug/kg					
4-Bromophenyl phenyl ether	ND	330	N/A	ug/kg					
Buyl benzyl phthalate	ND	330	N/A	ug/kg					
4-Chloroaniline	ND	330	N/A	ug/kg					
2-Chloronaphthalene	ND	330	N/A	ug/kg					
4-Chloro-3-methylphenol	ND	330	N/A	ug/kg					
2-Chlorophenol	ND	330	N/A	ug/kg					
4-Chlorophenyl phenyl ether	ND	330	N/A	ug/kg					
Chrysene	ND	420	N/A	ug/kg					
Dibenz(a,h)anthracene	ND	330	N/A	ug/kg					
Dibenzofuran	ND	330	N/A	ug/kg					
Di-n-butyl phthalate	ND	330	N/A	ug/kg					
1,3-Dichlorobenzene	ND	330	N/A	ug/kg					
1,4-Dichlorobenzene	ND	330	N/A	ug/kg					
1,2-Dichlorobenzene	ND	330	N/A	ug/kg					
3,3-Dichlorobenzidine	ND	830	N/A	ug/kg					
2,4-Dichlorophenol	ND	330	N/A	ug/kg					
Diethyl phthalate	ND	330	N/A	ug/kg					
2,4-Dimethylphenol	ND	330	N/A	ug/kg					
Dimethyl phthalate	ND	330	N/A	ug/kg					
4,6-Dinitro-2-methylphenol	ND	420	N/A	ug/kg					
2,4-Dinitrophenol	ND	660	N/A	ug/kg					
2,4-Dinitrotoluene	ND	330	N/A	ug/kg					

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Analyte	Result	Reporting		Spike Level	Source	%REC	Data	
		Limit	MDL				Units	RPD
Batch: 4103031 Extracted: 12/03/04								

Analyte	Result	Reporting		Spike Level	Source	%REC		Data	
		Limit	MDL			Units	Result	%REC Limits	RPD
Batch: 41.03031 Extracted: 12/03/04									

Batch: 4L03031 Extracted: 12/03/04

Batch: 4L03031 Extracted: 12/03/04

Blank Analyzed: 12/06/2004 (41.03031-BLK1)			
ND	330	N/A	ug/kg
6,6-Dinitrotoluene	330	N/A	ug/kg
N-n-octyl phthalate	330	N/A	ug/kg
ND	330	N/A	ug/kg
2-Diphenylhydrazine/Azobenzene	330	N/A	ug/kg
ND	330	N/A	ug/kg
fluoranthene	330	N/A	ug/kg
ND	330	N/A	ug/kg
fluorene	330	N/A	ug/kg
ND	330	N/A	ug/kg
hexachlorobenzene	330	N/A	ug/kg
ND	330	N/A	ug/kg
hexachlorobutadiene	330	N/A	ug/kg
ND	330	N/A	ug/kg
hexachlorocyclopentadiene	830	N/A	ug/kg
ND	330	N/A	ug/kg
hexachloroethane	330	N/A	ug/kg
ND	330	N/A	ug/kg
indeno(1,2,3-cd)pyrene	330	N/A	ug/kg
ND	330	N/A	ug/kg
naphthalene	330	N/A	ug/kg
ND	330	N/A	ug/kg
-Methylnaphthalene	330	N/A	ug/kg
ND	330	N/A	ug/kg
-Methylphenol	330	N/A	ug/kg
ND	330	N/A	ug/kg
-Methylphenol	330	N/A	ug/kg
ND	330	N/A	ug/kg
naphthalene	330	N/A	ug/kg
ND	330	N/A	ug/kg
nitrobenzene	330	N/A	ug/kg
ND	330	N/A	ug/kg
-Nitrophenol	830	N/A	ug/kg
ND	330	N/A	ug/kg
-Nitrophenol	330	N/A	ug/kg
N-Nitrosodiphenylamine	330	N/A	ug/kg
ND	330	N/A	ug/kg
N-Nitroso-di-n-propylamine	830	N/A	ug/kg
ND	330	N/A	ug/kg
octachlorophenol	330	N/A	ug/kg
ND	330	N/A	ug/kg
phenanthrene	330	N/A	ug/kg
ND	330	N/A	ug/kg
phenol	330	N/A	ug/kg
ND	330	N/A	ug/kg
pyrene	330	N/A	ug/kg
ND	330	N/A	ug/kg
2,4-Trichlorobenzene	330	N/A	ug/kg
ND	330	N/A	ug/kg
2,4,6-Trichlorophenol	330	N/A	ug/kg
ND	330	N/A	ug/kg
Surrogate: 2-Fluorophenol	3090	6670	46 25-120
Surrogate: Phenol-d6	3810	6670	57 35-120
Surrogate: 2,4,6-Trichlorophenol	3720	6670	56 40-125
Surrogate: Nitrobenzene-d5	1890	3330	57 30-120
Surrogate: 2-Fluorobiphenyl	2120	3330	64 35-120
Surrogate: Terphenyl-d14	2230	3330	67 40-150

LCS Analyzed: 12/06/2004 (4L03031-B51)							
Acenaphthene	2200	330	N/A	ug/kg	3330	66	55-120
Acenaphthylene	2340	330	N/A	ug/kg	3330	70	55-120
Anthracene	2270	330	N/A	ug/kg	3330	68	55-120
Benzoic acid	1970	830	N/A	ug/kg	3330	59	25-125
Benz(a)anthracene	2300	330	N/A	ug/kg	3330	69	65-120
Benzo(b)fluoranthene	2640	330	N/A	ug/kg	3330	79	30-160
Benzo(a)pyrene	2390	330	N/A	ug/kg	3330	72	55-125
Benzyl alcohol	1840	330	N/A	ug/kg	3330	55	40-130
Bis(2-chloroethoxy)methane	2090	330	N/A	ug/kg	3330	63	50-120
Bis(2-chloroethyl)ether	1790	170	N/A	ug/kg	3330	54	40-120
Bis(2-chloroisopropyl)ether	1940	330	N/A	ug/kg	3330	58	40-120
Bis(2-ethylhexyl)phthalate	2260	330	N/A	ug/kg	3330	68	60-125
4-Bromophenyl phenyl ether	2070	330	N/A	ug/kg	3330	62	50-125
Butyl benzyl phthalate	2240	330	N/A	ug/kg	3330	67	60-125
4-Chloroaniline	841	330	N/A	ug/kg	3330	25	20-120
4-Chloronaphthalene	2170	330	N/A	ug/kg	3330	65	50-120
4-Chloro-3-methylphenol	2330	330	N/A	ug/kg	3330	70	50-120
4-Chlorophenol	1900	330	N/A	ug/kg	3330	57	45-120
4-Chlorophenyl phenyl ether	2200	330	N/A	ug/kg	3330	66	55-120
Chrysene	2290	330	N/A	ug/kg	3330	69	60-120
Dibenz(a,h)anthracene	2640	420	N/A	ug/kg	3330	79	30-160
Dibenzofuran	2300	330	N/A	ug/kg	3330	69	55-120
Di-n-butyl phthalate	2170	330	N/A	ug/kg	3330	65	60-125
3,3-Dichlorobenzene	1830	330	N/A	ug/kg	3330	55	35-120
1,4-Dichlorobenzene	1800	330	N/A	ug/kg	3330	54	35-120
2,2-Dichlorobenzene	1850	330	N/A	ug/kg	3330	55	35-120
3,3-Dichlorobenzidine	1300	830	N/A	ug/kg	3330	39	20-170
4,4-Dichlorophenol	2200	330	N/A	ug/kg	3330	66	50-120
Diethyl phthalate	2430	330	N/A	ug/kg	3330	73	55-120
2,4-Dimethylphenol	1900	330	N/A	ug/kg	3330	57	40-120
Dimethyl phthalate	2390	330	N/A	ug/kg	3330	72	60-120
6-Dinitro-2-methylphenol	2280	420	N/A	ug/kg	3330	68	45-120
2,4-Dinitrophenol	3820	660	N/A	ug/kg	3330	115	20-140
4,6-Dinitrotoluene	2640	330	N/A	ug/kg	3330	79	60-140
2,3-Dinitrotoluene	2370	330	N/A	ug/kg	3330	71	60-125

Dei Mar Analytical - Phoenix
Jinda Eshehman
Project Manager

Del Mar Analytical - Phoenix
Linda Eshelman
Project Manager

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2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

Project ID: 24018.004/Air Liquide

Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	RPD Limit	Data Qualifiers
Batch: 41.03031 Extracted: 12/03/04										

LCS Analyzed: 12/06/2004 (41.03031-BST)										
Di-n-octyl phthalate	2430	330	N/A	ug/kg	3330	74	60-135			
1,2-Diphenylhydrazine/Azobenzene	2430	330	N/A	ug/kg	3330	73	60-125			
Fluoranthene	2380	330	N/A	ug/kg	3330	71	55-130			
Fluorene	2240	330	N/A	ug/kg	3330	67	55-120			
Hexachlorobenzene	2060	330	N/A	ug/kg	3330	62	50-120			
Hexachlorobutadiene	1970	330	N/A	ug/kg	3330	59	40-120			
Hexachlorocyclopentadiene	2310	830	N/A	ug/kg	3330	69	40-130			
Hexachloroethane	1720	330	N/A	ug/kg	3330	52	35-120			
Indenol (1,2,3-cd)pyrene	2630	330	N/A	ug/kg	3330	79	25-150			
Isophorone	1830	330	N/A	ug/kg	3330	55	45-120			
2-Methylnaphthalene	1870	330	N/A	ug/kg	3330	56	50-120			
2-Methylphenol	1960	330	N/A	ug/kg	3330	59	45-120			
4-Methylphenol	2230	330	N/A	ug/kg	3330	67	50-120			
Naphthalene	2010	330	N/A	ug/kg	3330	60	45-120			
2-Chloronitrobenzene	2020	330	N/A	ug/kg	3330	61	45-120			
4-Nitrophenol	2020	330	N/A	ug/kg	3330	61	45-120			
4-Nitrophenol	2520	830	N/A	ug/kg	3330	76	45-135			
N-Nitrosodiphenylamine	2110	330	N/A	ug/kg	3330	63	55-120			
N-Nitroso-di-n-propylamine	1790	230	N/A	ug/kg	3330	54	45-120			
Pentachlorophenol	2440	830	N/A	ug/kg	3330	73	45-125			
Phenanthrene	2200	330	N/A	ug/kg	3330	66	55-120			
Phenol	1880	330	N/A	ug/kg	3330	56	40-120			
Pyrene	2060	330	N/A	ug/kg	3330	62	50-120			
1,2,4-Trichlorobenzene	1990	330	N/A	ug/kg	3330	60	45-120			
2,4,6-Trichlorophenol	2300	330	N/A	ug/kg	3330	69	55-120			
Surrigane: 2-Fluorophenol	3220	330	N/A	ug/kg	6670	48	25-120			
Surrigane: Phenol-d6	3830	6670		ug/kg	6670	57	35-120			
Surrigane: 2,4,6-Tribromophenol	4270	6670		ug/kg	6670	64	40-125			
Surrigane: Nitrobenzene-d5	1910	330	N/A	ug/kg	3330	57	30-120			
Surrigane: 2-Fluorobiphenyl	2160	330	N/A	ug/kg	3330	65	35-120			
Surrigane: Terphenyl-d14	2390	330	N/A	ug/kg	3330	72	40-150			

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Linda Eshelman
Project Manager

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Project ID: 24018.004/Air Liquide

Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Report Number: PNK0837
Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	RPD Limit	Data Qualifiers
Batch: 41.03031 Extracted: 12/03/04										

LCS Dup Analyzed: 12/06/2004 (41.03031-BSD1)										
Acenaphthene	2360	330	N/A	ug/kg	3330	71	55-120	7	20	
Acenaphthylene	2500	330	N/A	ug/kg	3330	75	55-120	7	20	
Anthracene	2380	330	N/A	ug/kg	3330	71	55-120	5	20	
Benzoic acid	1810	830	N/A	ug/kg	3330	54	25-125	8	30	
Benzo(a)anthracene	2410	330	N/A	ug/kg	3330	72	65-120	5	20	
Benzo(a,h,i)perylene	2620	330	N/A	ug/kg	3330	79	30-160	1	25	
Benzo(a)pyrene	2470	330	N/A	ug/kg	3330	74	55-125	3	20	
Benzyl alcohol	1880	330	N/A	ug/kg	3330	56	40-130	2	25	
Bis(2-chloroethoxy)methane	2190	330	N/A	ug/kg	3330	66	50-120	5	20	
Bis(2-chloroethyl)ether	1790	330	N/A	ug/kg	3330	54	40-120	0	25	
Bis(2-chloroisopropyl)ether	1950	330	N/A	ug/kg	3330	59	40-120	1	20	
Bis(2-ethylhexyl)phthalate	2280	330	N/A	ug/kg	3330	68	60-125	1	20	
4-Bromophenyl phenyl ether	2190	330	N/A	ug/kg	3330	66	50-125	6	20	
Butyl benzyl phthalate	2320	330	N/A	ug/kg	3330	70	60-125	4	20	
4-Chloroaniline	985	330	N/A	ug/kg	3330	30	20-120	16	30	
2-Chloronaphthalene	2370	330	N/A	ug/kg	3330	71	50-120	9	20	
4-Chloro-3-methylphenol	2450	330	N/A	ug/kg	3330	74	50-126	5	20	
2-Chlorophenol	1960	330	N/A	ug/kg	3330	59	45-120	3	20	
4-Chlorophenyl phenyl ether	2310	330	N/A	ug/kg	3330	69	55-120	5	20	
Chrysene	2360	330	N/A	ug/kg	3330	71	60-120	3	20	
Dibenz(a,h)anthracene	2630	420	N/A	ug/kg	3330	79	30-160	0	25	
Dibenzofuran	2430	330	N/A	ug/kg	3330	73	55-120	5	20	
Di-n-butyl phthalate	2250	330	N/A	ug/kg	3330	68	60-125	4	20	
1,3-Dichlorobenzene	1800	330	N/A	ug/kg	3330	54	35-120	2	25	
1,4-Dichlorobenzene	1800	330	N/A	ug/kg	3330	54	35-120	0	25	
1,2-Dichlorobenzene	1820	330	N/A	ug/kg	3330	55	35-120	1	20	
3,3-Dichlorobenzidine	1470	830	N/A	ug/kg	3330	44	20-170	12	25	
2,4-Dichlorophenol	2350	330	N/A	ug/kg	3330	70	50-120	6	20	
Diethyl phthalate	2460	330	N/A	ug/kg	3330	74	55-120	1	20	
2,4-Dimethylphenol	1980	330	N/A	ug/kg	3330	59	40-120	4	20	
Dimethyl phthalate	2450	330	N/A	ug/kg	3330	74	60-120	2	20	
4,6-Dinitro-2-methylphenol	2290	420	N/A	ug/kg	3330	69	45-120	0	25	
2,4-Dinitrophenol	2740	660	N/A	ug/kg	3330	112	20-140	2	25	
2,4-Dinitrotoluene	2690	330	N/A	ug/kg	3330	81	60-140	2	20	
2,6-Dinitrotoluene	2440	330	N/A	ug/kg	3330	73	60-125	3	20	

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Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Limit	Data Qualifiers
Batch: 41.03031 Extracted: 12/03/04										

LCS Dup Analyzed: 12/06/2004 (41.03031-BSD1)

D1-n-octyl phthalate	2600	330	N/A	ug/kg	3330	78	60-135	6	20	
1,2-Dichlorobenzene	2550	330	N/A	ug/kg	3330	77	60-125	5	20	
Fluoranthene	2400	330	N/A	ug/kg	3330	72	55-130	1	20	
Fluorene	2350	330	N/A	ug/kg	3330	71	55-120	5	20	
Hexachlorobenzene	2140	330	N/A	ug/kg	3330	64	50-120	4	20	
Hexachlorobenzene	2050	330	N/A	ug/kg	3330	62	40-120	4	20	
Hexachlorocyclopentadiene	2440	830	N/A	ug/kg	3330	73	40-130	5	25	
Hexachlorocyclopentadiene	1720	330	N/A	ug/kg	3330	52	35-120	0	20	
Indeno (1,2,3-cd)pyrene	2620	330	N/A	ug/kg	3330	79	25-150	0	25	
Isophorene	1900	330	N/A	ug/kg	3330	57	45-120	4	20	
2-Methylanthracene	1900	330	N/A	ug/kg	3330	57	45-120	4	20	
2-Methylphenol	2030	330	N/A	ug/kg	3330	61	45-120	4	20	
4-Methylphenol	2260	330	N/A	ug/kg	3330	68	50-120	1	20	
Naphthalene	2080	330	N/A	ug/kg	3330	62	45-120	3	20	
Nitrobenzene	2060	330	N/A	ug/kg	3330	62	45-120	2	20	
2-Nitrophenol	2110	330	N/A	ug/kg	3330	63	45-120	4	20	
4-Nitrophenol	2490	830	N/A	ug/kg	3330	75	45-135	1	20	
N-Nitrosodiphenylamine	2170	330	N/A	ug/kg	3330	65	55-120	3	20	
N-Nitroso-di-n-propylamine	1880	250	N/A	ug/kg	3330	56	45-120	5	20	
Permethrin	2420	830	N/A	ug/kg	3330	73	45-125	1	20	
Phenanthrene	2250	330	N/A	ug/kg	3330	68	55-120	2	20	
Phenol	1950	330	N/A	ug/kg	3330	59	40-120	4	20	
Pyrene	2230	330	N/A	ug/kg	3330	67	50-120	8	25	
1,2,4-Trichlorobenzene	2060	330	N/A	ug/kg	3330	62	45-120	3	20	
2,4,6-Trichlorophenol	2490	330	N/A	ug/kg	3330	75	55-120	8	20	
Surrigae: 2-Fluorophenol	3270			ug/kg	6670	49	25-120			
Surrigae: Phenol-d6	3900			ug/kg	6670	58	35-120			
Surrigae: 2,4,6-Trichlorophenol	4420			ug/kg	6670	66	40-125			
Surrigae: Nitrobenzene-d5	1970			ug/kg	3330	59	30-120			
Surrigae: 2-Fluorobiphenyl	2380			ug/kg	3330	71	35-120			
Surrigae: Terphenyl-d14	2540			ug/kg	3330	76	40-150			

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Linda Eshefman

Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	Limit	Data Qualifiers
Batch: 41.03031 Extracted: 12/03/04										

Matrix Spike Analyzed: 12/06/2004 (41.03031-MS1)

Acenaphthene	2350	330	N/A	ug/kg	3330	ND	71	45-120		
Acenaphthylene	2410	330	N/A	ug/kg	3330	ND	72	45-120		
Anthracene	2340	330	N/A	ug/kg	3330	ND	70	55-120		
Benzoic acid	1530	830	N/A	ug/kg	3330	ND	46	15-125		
Benzofluoranthene	2450	330	N/A	ug/kg	3330	ND	74	50-120		
Benzofluoranthene	2210	330	N/A	ug/kg	3330	ND	66	20-160		
Benzofluoranthene	2480	330	N/A	ug/kg	3330	ND	74	55-125		
Benzyl alcohol	2170	330	N/A	ug/kg	3330	ND	71	45-120		
Bis(2-chloroethoxy)methane	2380	330	N/A	ug/kg	3330	ND	59	40-120		
Bis(2-chloroethoxy)methane	1960	170	N/A	ug/kg	3330	ND	63	40-120		
Bis(2-chloroethoxy)methane	2100	330	N/A	ug/kg	3330	ND	74	55-150		
Bis(2-ethylhexyl)phthalate	2470	330	N/A	ug/kg	3330	ND	66	50-125		
4-Bromophenyl phenyl ether	2200	330	N/A	ug/kg	3330	ND	76	55-145		
Buyl benzyl phthalate	2540	330	N/A	ug/kg	3330	ND	43	15-120		
4-Chloronitrobenzene	1440	330	N/A	ug/kg	3330	ND	69	50-120		
2-Chloronitrobenzene	2290	330	N/A	ug/kg	3330	ND	81	50-125		
4-Chloro-3-methylphenol	2690	330	N/A	ug/kg	3330	ND	62	40-120		
2-Chlorophenol	2070	330	N/A	ug/kg	3330	ND	71	55-120		
4-Chlorophenyl phenyl ether	2370	330	N/A	ug/kg	3330	ND	74	55-120		
Chrysene	2470	330	N/A	ug/kg	3330	ND	71	20-160		
Dibenz(a,h)anthracene	2350	420	N/A	ug/kg	3330	ND	74	55-120		
Dibenzofuran	2450	330	N/A	ug/kg	3330	ND	66	55-125		
Di-n-butyl phthalate	1920	330	N/A	ug/kg	3330	ND	58	35-120		
1,3-Dichlorobenzene	2210	330	N/A	ug/kg	3330	ND	56	35-120		
1,4-Dichlorobenzene	1880	330	N/A	ug/kg	3330	ND	57	35-120		
1,2-Dichlorobenzene	1900	330	N/A	ug/kg	3330	ND	43	10-170		
3,3-Dichlorobenzidine	1430	830	N/A	ug/kg	3330	ND	74	45-120		
2,4-Dichlorophenol	2450	330	N/A	ug/kg	3330	ND	77	55-120		
Diethyl phthalate	2550	330	N/A	ug/kg	3330	ND	58	35-120		
2,4-Dimethylphenol	1920	330	N/A	ug/kg	3330	ND	71	10-125		
Dimethyl phthalate	2480	330	N/A	ug/kg	3330	ND	113	10-140		
4,6-Dinitro-2-methylphenol	2350	420	N/A	ug/kg	3330	ND	85	55-140		
2,4-Dinitrophenol	3770	660	N/A	ug/kg	3330	ND	76	55-125		
2,4-Dinitrotoluene	2830	330	N/A	ug/kg	3330	ND				
2,6-Dinitrotoluene	2540	330	N/A	ug/kg	3330	ND				

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Linda Eshefman

Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	RPD Limit	Data Qualifiers
Matrix Spike Analyzed: 12/06/2004 (4L03031-MS1)										
1,2-Dichlorobenzene	2520	330	N/A	ug/kg	3330	ND	76	45-140		
1,2-Dichlorobenzene	2640	330	N/A	ug/kg	3330	ND	79	55-125		
Fluorene	2350	330	N/A	ug/kg	3330	ND	71	45-130		
Fluorene	2420	330	N/A	ug/kg	3330	ND	73	55-120		
Hexachlorobenzene	2110	330	N/A	ug/kg	3330	ND	63	40-120		
Hexachlorobenzene	2060	330	N/A	ug/kg	3330	ND	62	40-120		
Hexachlorocyclopentadiene	2220	830	N/A	ug/kg	3330	ND	67	25-140		
Hexachlorocyclopentadiene	1800	330	N/A	ug/kg	3330	ND	54	35-120		
Indenol (1,2,3-cd)pyrene	2330	330	N/A	ug/kg	3330	ND	70	20-155		
Isophorone	2060	330	N/A	ug/kg	3330	ND	62	40-120		
2-Methylnaphthalene	2060	330	N/A	ug/kg	3330	ND	62	45-120		
2-Methylnaphthalene	2130	330	N/A	ug/kg	3330	ND	64	40-120		
4-Methylphenol	2270	330	N/A	ug/kg	3330	ND	68	40-120		
Naphthalene	2180	330	N/A	ug/kg	3330	ND	65	40-120		
Nitrobenzene	2250	330	N/A	ug/kg	3330	ND	68	45-120		
2-Nitrophenol	2230	330	N/A	ug/kg	3330	ND	67	40-120		
4-Nitrophenol	2260	830	N/A	ug/kg	3330	ND	66	55-140		
N-Nitrosodiphenylamine	2200	330	N/A	ug/kg	3330	ND	66	55-120		
N-Nitroso-di-n-propylamine	1960	250	N/A	ug/kg	3330	ND	59	45-120		
Pentachlorophenol	2530	830	N/A	ug/kg	3330	ND	76	30-125		
Phenanthrene	2260	330	N/A	ug/kg	3330	ND	68	55-120		
Phenol	2080	330	N/A	ug/kg	3330	ND	62	40-120		
Pyrene	2590	330	N/A	ug/kg	3330	ND	78	50-125		
1,2,4-Trichlorobenzene	2140	330	N/A	ug/kg	3330	ND	74	45-120		
2,4,6-Trichlorophenol	2470	330	N/A	ug/kg	3330	ND	74	40-120		
Sarragene: 2-Fluorophenol	3360		N/A	ug/kg	6670		50	25-120		
Sarragene: Phenol-d6	4110			ug/kg	6670		62	35-120		
Sarragene: 2,4,6-Tribromophenol	4240			ug/kg	6670		64	40-125		
Sarragene: Nitrobenzene-d5	2120			ug/kg	3330		64	30-120		
Sarragene: 2-Fluorobiphenyl	2270			ug/kg	3330		68	55-120		
Sarragene: Terphenyl-d14	2800			ug/kg	3330		84	40-150		

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Linda Eselman
Project Manager

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Basin & Range Hydrogeologists

6155 E. Indian School Rd., Suite 100A

Scottsdale, AZ 85251

Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide

Report Number: PNK0837

Sampled: 11/30/04

Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	RPD	RPD Limit	Data Qualifiers
Matrix Spike Dup Analyzed: 12/06/2004 (4L03031-MSD1)										
Acenaphthene	2210	330	N/A	ug/kg	3330	ND	66	45-120	6	25
Acenaphthylene	2310	330	N/A	ug/kg	3330	ND	69	45-120	4	20
Anthracene	2230	330	N/A	ug/kg	3330	ND	67	55-120	5	25
Benzoic acid	1220	830	N/A	ug/kg	3330	ND	37	15-125	23	30
Benzoic acid	2290	330	N/A	ug/kg	3330	ND	69	50-120	7	25
Benzo(a)anthracene	2210	330	N/A	ug/kg	3330	ND	66	20-160	0	30
Benzo(b)fluoranthene	2370	330	N/A	ug/kg	3330	ND	71	55-125	5	25
Benzo(b)fluoranthene	1890	330	N/A	ug/kg	3330	ND	57	35-130	14	30
Benzo(k)fluoranthene	2170	330	N/A	ug/kg	3330	ND	65	45-120	9	25
Benzo(k)fluoranthene	1810	170	N/A	ug/kg	3330	ND	54	40-120	8	25
Benzo(k)fluoranthene	1980	330	N/A	ug/kg	3330	ND	59	40-120	6	25
Benzo(k)fluoranthene	2300	330	N/A	ug/kg	3330	ND	69	55-150	7	25
4-Bromophenyl phenyl ether	2050	330	N/A	ug/kg	3330	ND	62	50-125	7	20
Butyl benzyl phthalate	2270	330	N/A	ug/kg	3330	ND	68	55-145	11	25
4-Chloroaniline	1300	330	N/A	ug/kg	3330	ND	39	15-120	10	30
2-Chloronaphthalene	2210	330	N/A	ug/kg	3330	ND	66	50-120	4	20
4-Chloro-3-methylphenol	2440	330	N/A	ug/kg	3330	ND	73	50-125	10	25
2-Chlorophenol	1870	330	N/A	ug/kg	3330	ND	56	40-120	10	20
4-Chlorophenyl phenyl ether	2220	330	N/A	ug/kg	3330	ND	67	55-120	7	25
Chrysene	2300	330	N/A	ug/kg	3330	ND	69	55-120	7	25
Dibenz(a,h)anthracene	2300	420	N/A	ug/kg	3330	ND	69	20-160	2	30
Dibenzofuran	2320	330	N/A	ug/kg	3330	ND	70	55-120	5	25
Di-n-butyl phthalate	2120	330	N/A	ug/kg	3330	ND	64	55-125	4	25
1,3-Dichlorobenzene	1780	330	N/A	ug/kg	3330	ND	53	35-120	8	25
1,4-Dichlorobenzene	1730	330	N/A	ug/kg	3330	ND	52	35-120	8	25
1,2-Dichlorobenzene	1760	330	N/A	ug/kg	3330	ND	53	35-120	8	25
3,3-Dichlorobenzidine	1380	830	N/A	ug/kg	3330	ND	41	10-170	4	25
2,4-Dichlorophenol	2200	330	N/A	ug/kg	3330	ND	66	45-120	11	25
Diethyl phthalate	2440	330	N/A	ug/kg	3330	ND	73	55-120	4	25
2,4-Dimethylphenol	1710	330	N/A	ug/kg	3330	ND	51	35-120	12	25
Dimethyl phthalate	2340	330	N/A	ug/kg	3330	ND	70	50-120	6	25
4,6-Dinitro-2-methylphenol	2170	420	N/A	ug/kg	3330	ND	65	10-125	8	25
2,4-Dinitrophenol	3300	660	N/A	ug/kg	3330	ND	99	10-140	13	25
2,4-Dinitrotoluene	2630	330	N/A	ug/kg	3330	ND	79	55-140	7	25
2,6-Dinitrotoluene	2380	330	N/A	ug/kg	3330	ND	71	55-125	7	20

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Linda Eselman
Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

METHOD BLANK/QC DATA

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

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC Limits	%REC	RPD Limit	Data Qualifiers
Batch: 4L03031 Extracted: 12/03/04										

Matrix Spike Dup Analyzed: 12/06/2004 (4L03031-MSD1)

Source: INL0188-05										
Di-n-actyl phthalate	2540	330	N/A	ug/kg	3330	ND	76	45-140	1	25
1,2-Diphenylhydrazine/Azobenzene	2520	330	N/A	ug/kg	3330	ND	76	55-125	5	25
Fluoranthene	2260	330	N/A	ug/kg	3330	ND	68	45-130	4	30
Fluorene	2280	330	N/A	ug/kg	3330	ND	68	55-120	6	25
Hexachlorobenzene	2010	330	N/A	ug/kg	3330	ND	60	40-120	5	25
Hexachlorobutadiene	1950	330	N/A	ug/kg	3330	ND	59	40-120	5	25
Hexachlorocyclopentadiene	2060	830	N/A	ug/kg	3330	ND	62	25-140	7	30
Hexachloroethane	1690	330	N/A	ug/kg	3330	ND	51	35-120	6	30
Indenyl 1,2,3-cd-pyrene	2280	330	N/A	ug/kg	3330	ND	68	20-155	2	30
Isophorone	1910	330	N/A	ug/kg	3330	ND	57	40-120	8	25
2-Methylthiophthalene	1910	330	N/A	ug/kg	3330	ND	57	45-120	8	20
2-Methylphenol	1830	330	N/A	ug/kg	3330	ND	55	40-120	15	25
4-Methylphenol	2120	330	N/A	ug/kg	3330	ND	64	40-120	7	25
Naphthalene	1980	330	N/A	ug/kg	3330	ND	59	40-120	10	25
Nitrobenzene	2040	330	N/A	ug/kg	3330	ND	61	45-120	10	25
2-Nitrophenol	2050	330	N/A	ug/kg	3330	ND	62	40-120	8	25
4-Nitrophenol	2430	830	N/A	ug/kg	3330	ND	73	35-140	9	30
N-Nitrosodiphenylamine	2050	330	N/A	ug/kg	3330	ND	62	55-120	7	25
N-Nitroso-di-n-propylamine	1850	250	N/A	ug/kg	3330	ND	56	45-120	6	25
Pentachlorophenol	2320	830	N/A	ug/kg	3330	ND	70	30-125	9	25
Plutanthrene	2100	330	N/A	ug/kg	3330	ND	63	55-120	7	25
Phenol	1900	330	N/A	ug/kg	3330	ND	57	40-120	9	25
Pyrene	2180	330	N/A	ug/kg	3330	ND	65	50-125	17	30
1,2,4-Trichlorobenzene	2000	330	N/A	ug/kg	3330	ND	60	45-120	7	25
2,4,6-Trichlorophenol	2330	330	N/A	ug/kg	3330	ND	70	40-120	6	25
Surrogate: 2-Fluorophenol	3040			ug/kg	6670		46	25-120		
Surrogate: Phenol-d6	3700			ug/kg	6670		55	35-120		
Surrogate: 2,4,6-Trichlorophenol	3860			ug/kg	6670		58	40-125		
Surrogate: Nitrobenzene-d5	1910			ug/kg	3330		57	30-120		
Surrogate: 2-Fluorobiphenyl	2140			ug/kg	3330		64	35-120		
Surrogate: Toluene-d14	2400			ug/kg	3330		72	40-150		

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Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowinsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

DATA QUALIFIERS AND DEFINITIONS

B1	Target analyte detected in method blank at or above the method reporting limit.
D1	Sample required dilution due to matrix.
D2	Sample required dilution due to high concentration of target analyte.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL).
L3	The associated blank spike recovery was above method acceptance limits.
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.
M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
M3	The accuracy of the spike recovery value is reduced since the analyte concentration in the sample is disproportionate to spike level. The method control sample recovery was acceptable.
N1	See case narrative.
R4	MS/MSD RPD exceeded the method control limit. Recovery met acceptance criteria.
R6	LFBI/LFBD RPD exceeded the method control limit. Recovery met acceptance criteria.
S10	Surrogate recovery was above laboratory and method acceptance limits. See case narrative.
S12	Surrogate recovery was low. Data reported per ADEQ policy 0154.000.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes were detected in the sample.
S8	The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The method control sample recovery was acceptable.
V1	CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.
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:

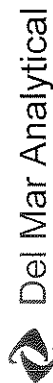
The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

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

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

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Linda Eshelman
Project Manager

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Basin & Range Hydrogeologists
6155 E. Indian School Rd., Suite 100A
Scottsdale, AZ 85251
Attention: Amy Wolkowsky

Project ID: 24018.004/Air Liquide
Report Number: PNK0837

Sampled: 11/30/04
Received: 11/30/04

Certification Summary

Method	Matrix	Nelac	Arizona
ADHS 8015AZR1	Soil	N/A	X
EPA 6010B	Soil	X	X
EPA 7471A	Soil	X	X
EPA 8260B	Soil	X	X
EPA 8260B	Water	X	X
EPA 9045C	Soil	X	X
SW-846 7.1.2	Soil	X	X

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

Subcontracted Laboratories

Del Mar Analytical NELAC Cert #01108CA, Arizona Cert #AZ0671
17461 Derian Ave. Suite 100 - Irvine, CA 92614
Method Performed: EPA 8270C
Samples: PNK0837-10

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Linda Eshelmain
Project Manager

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CHAIN-OF-CUSTODY RECORD

**BASIN & RANGE
HYDROGEOLOGISTS**

Electronic Data Deliverable Required?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Deadline for web results	Page 1 of 2
Start Date:	11/30/04	Deadline for final report:	
Completion Date:	11/30/04	Send Invoice To:	
Site Identification:	Air Liquide	Company:	BASIN & RANGE
Project or Release No.:	24018.004	Address:	6155 E. Indian School Rd., Ste 100A, Scottsdale, AZ 85251
		Phone No.:	602-840-3333
		Fax No.:	602-840-8011
Send Analytical Report To:	Basin & Range Hydrogeologists, Inc. Phone: 602-840-3333	Environmental Laboratory Information:	
6155 E. Indian School Rd., Ste 100A, Scottsdale, AZ 85251	Fax: 602-840-8011	Company:	Del Mar Analytical
Attention: Amy Wolkowsky Email: amy@basin-and-range.com		Address:	9830 South 51st St., Suite B-120, Phoenix, Arizona
		Fax No.:	480-785-0043
		Fax No.:	623-445-6192

Sample Identification Code	Sample Date	Sample Time	Matrix	Containers				Analyses Requested				Laboratory ID
				Methanol preserved glass vials	40 ml glass jars, unpreserved	140 ml plastic jars, unpreserved	82-70	5035/8260B (AZ List)	8260B - 14-Bioscience	BREA	8260B - 14-Bioscience	
1. Trip Blank	11/30/04	0800	Water					X				- C1
2. Methanol	11/30/04	0800	Methanol	1				X				- C2
3. CTD-01	11/30/04	0740	Soil	1	1			X	X			- C3
4. CTD-02	11/30/04	0750	Concrete	1	1			X	X			- C4
5. WET-01	11/30/04	0805	Soil	1	1			X	X			- C5
6. SET-01	11/30/04	0815	Soil	1	1			X	X			- C6
7. WET-02	11/30/04	0840	Soil	1	1			X	X	X	X	- C7 High OVA reading
8. SET-02	11/30/04	0950	Soil	1	1			X	X	X	X	- C8 High OVA reading
9. D-EX1-4.0	11/30/04	1040	Soil	1	1			X	X			- C9
10. H-EX2-4.0	11/30/04	1135	Soil	1	1		X	X	X	X	X	- C10 High OVA reading
11. C-EX3-5.75	11/30/04	1200	Soil	1	1			X	X			- 11
12. G-EX4-5.75	11/30/04	1210	Soil	1	1			X	X			- 12
13. G-EX4-5.75D	11/30/04	1215	Soil	1	1			X	X			- 13
14. C-EX5-5.75	11/30/04	1255	Soil	1	1			X	X			- 14
15. EB	11/30/04	1320	Water			3		X				- 15

SAMPLE TEMPERATURE UPON RECEIPT AT LAB SAMPLE CONTROL FACILITY: 33°C

LXC_300

CHAIN-OF-CUSTODY RECORD

Deadline for web results: _____

Page 3 of 3

Deadline for final report: _____

Start Date: 11/30/04
 Completion Date: 11/30/04
 Site Identification: Air Liquide
 Project or Release No.: 24018.004

Instructions: Perform lab services in accordance with 20 September 2000 QAPP and ADEQ policy nos 0154.000 and 0155.000.

VP08 Soil Investigation

DATA QUALITY OBJECTIVES

As documented in the Quality Assurance Project Plan, dated September 20, 2000, prepared for project - Method Reporting Limits that are less than (0.21 mg/kg), 1,1-Dichloroethylene (0.81 mg/kg), cis-1,2-Dichloroethylene (4.9 mg/kg), trans-1,2-Dichloroethylene (8.4 mg/kg), 1,2-Dichloropropane (0.28 mg/kg), Ethylbenzene (120 mg/kg), Monochlorobenzene (12 mg/kg), Styrene (36 mg/kg), Tetrachloroethylene (1.3 mg/kg), Toluene (400 mg/kg), Trihalomethanes-Total (6.8 mg/kg), 1,1,1-Trichloroethane (1.0 mg/kg), Trichloroethylene (0.61 mg/kg), and Xylenes-Total (2200 mg/kg)

Sampler's Name: Amy Wolkowsky

1. Relinquished By (Company Name): Basin & Range Hydrogeologists, Inc. Print Name: Amy Wolkowsky Signature: Amy Wolkowsky Date: 11/30/04 Time: 5:35pm	2. Received By (Company Name): Print Name: _____ Signature: _____ Date: 11/30/04 Time: _____	3. Relinquished By (Company Name): Print Name: _____ Signature: _____ Date: _____ Time: _____	4. Received By (Company Name): Print Name: _____ Signature: _____ Date: _____ Time: _____
5. Relinquished By (Company Name): Print Name: _____ Signature: _____ Date: _____ Time: _____	6. Received By (Company Name): Print Name: _____ Signature: _____ Date: _____ Time: _____	7. Relinquished By (Company Name): Print Name: _____ Signature: _____ Date: _____ Time: _____	8. Received By (Company Name): Print Name: Harry M Bradley Signature: Harry M Bradley Date: 11/30/04 Time: 1735

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CHAIN-OF-CUSTODY RECORD

Electronic Data Deliverable Required? Yes ☒ No ☐

Deadline for web results: _____
 Deadline for final report: _____

Page 2 of 3

**BASIN & RANGE
HYDROGEOLOGISTS**

Start Date: 11/30/04
 Completion Date: 11/30/04
 Site Identification: Air Liquide
 Project or Release No.: 24018.004

Send Invoice To:

Company: BASIN & RANGE Attention: A. Wolkowsky
 Address: 6155 E. Indian School Rd., Ste 100A, Scottsdale, AZ 85251
 Phone No.: 602-840-3333 Fax No.: 602-840-8011

Send Analytical Report To:
 BASIN & RANGE HYDROGEOLOGISTS, INC.
 6155 E. Indian School Rd., Ste 100A, Scottsdale, AZ 85251
 Attention: Amy Wolkowsky
 Phone: 602-840-3333
 Fax: 602-840-8011
 Email: amy@basin-and-range.com

Environmental Laboratory Information:

Company: Del Mar Analytical
 Address: 9830 South 51st St., Suite B-120, Phoenix, Arizona
 Phone No.: 480-785-0043 Fax No.: 623-445-6192

Sample Identification Code	Sample Date	Sample Time	Matrix	Containers		Analyses Requested		Laboratory ID
				Methanol preserved glass vials	40 ml glass jars, unpreserved	50352508 (AZ List)	E2608 - L4-Dioxane	
16. CCW-01	11/30/04	1410	concrete	1	1	X	X	PNK0937-16
17. CCW-02	11/30/04	1420	concrete	1	1	X	X	
18. CCW-03	11/30/04	1430	concrete	1	1	X	X	
19. H-EX6-A.0	11/30/04	1505	concrete	1	1	X	X	
20. G-EX7-G.0	11/30/04	1525	soil	1	1	X	X	
21.						X	X	
22.						X	X	
23.						X	X	
24.						X	X	
25.						X	X	
26.						X	X	
27.						X	X	
28.						X	X	
29.						X	X	
30.						X	X	

SAMPLE TEMPERATURE UPON RECEIPT AT LAB SAMPLE CONTROL FACILITY:

3.3°C

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