A.3 VALIDATED RECOVERY WELL SAMPLE RESULTS (SEPTEMBER 28, 1990)

Analysis Results Method 1624-C

ALLIED SIGNAL R-5 WELL 0300

P A Reference 04209 File FF45171
Sample Volume: 5.000 mL Volatiles

Dil. fact = 1000

Compound		Concentration			Spike Recovery
chloromethane	ND <	10.0	uG/L		37 %
bromomethane	ND <	10.0	uG/L		275 %
vinyl chloride	ND <	10.0	uG/L		78 %
chloroethane	ND <	10.0	uG/L		89 %
methylene chloride	ND <	5.0	uG/L		none
acetone		42400	uG/L	B	none
acrolein	ND <	20.0	uG/L		none
acrylonitrile	ND <	10.0	uG/L		none
1,1-dichloroethene	ND <	5.0	uG/L		82 %
1,1-dichloroethane	ND <	5.0	uG/L		86 %
diethyl ether	ND <	10.0	uG/L		106 %
trans-1,2-dichloroethene		11.4	uG/L		75 %
methyl ethyl ketone		896.7	uG/L	J	none
chloroform	ND <	5.0	uG/L		81 %
1,2-dichloroethane		11.4	uG/L	J	91 %
1,1,1-trichloroethane	ND <	5.0	uG/L		69 %
p-dioxane	ND <	50.0	uG/L		none
carbon tetrachloride	ND <	5.0	uG/L		75 %
bromodichloromethane	ND <	5.0	uG/L		110 %
1,2-dichloropropane	ND <	5.0	uG/L		118 %
trans-1,3-dichloropropene	ND <	5.0	uG/L		none
trichloroethene	ND <	5.0	uG/L		none
benzene		43500	uG/L		100 %
chlorodibromomethane	ND <	5.0	uG/L		84 %
1,1,2-trichloroethane	ND <	5.0	uG/L		81 %
2-chloroethylvinyl ether	ND <	10.0	uG/L		none
bromoform	ND <	5.0	uG/L		none
1,1,2,2-tetrachloroethane	ND <	5.0	uG/L		64 %
tetrachloroethene	ND <	5.0	uG/L		37 %
toluene		13000	uG/L		107 %
chlorobenzene	ND <	5.0	uG/L		51 %
ethylbenzene		1420	uG/L	J	105 %

Reverse Search Results Method 1624-C

ALLIED SIGNAL R-5 WELL 0300

P A Reference 04209 File FF45171
Sample Volume: 5.000 mL Volatiles

df=1000

Compound	Concentration	
Iodomethane	ND	
Carbon Disulfide	ND	
Trichlorofluoromethane	8.9	uG/L (B)
Ethyl cyanide	ND	
3-chloropropene	ND	
Allyl alcohol	ND	
Chloroacetonitrile	ND	
Dibromomethane	ND	
Methacrylonitrile	ND	
Isobutanol	ND	
Vinyl Acetate	ND	
2-chloro-1,3-butadiene	ND	
Crotonaldehyde	ND	
cis-1,3-dichloropropene	ND	
1,3-dichloropropane	ND	
1,2-dibromoethane	ND	
Methyl methacrylate	ND	
1,1,1,2-tetrachloroethane	ND	
4-Methyl-2-Pentanone	285.4	uG/L (B)
1,2,3-trichloropropane	ND	
2-Hexanone	80.9	uG/L (B)
trans-1,4-dichloro-2-butene	ND	
Ethyl methacrylate	ND	
m-Xylene	2730	uG/L (J)
o/p-Xylene	1460	uG/L (J)

Analysis Results Method 1624-C

ALLIED SIGNAL R-6 WELL 0300

P A Reference 04210 File FF45181
Sample Volume: 5.000 mL Volatiles

dil. fact = 100

Compound	Concentration			Spike Recovery
chloromethane	ND <	10.0	uG/L	81 %
bromomethane	ND <	10.0	uG/L	293 %
vinyl chloride	ND <	10.0	uG/L	143 %
chloroethane	ND <	10.0	uG/L	97 %
methylene chloride	ND <	5.0	uG/L	none
acetone		21200	uG/L B	none
acrolein	ND <	20.0	uG/L	none
acrylonitrile	ND <	10.0	uG/L	none
1,1-dichloroethene	ND <	5.0	uG/L	88 %
1,1-dichloroethane	ND <	5.0	uG/L	86 %
diethyl ether	ND <	10.0	uG/L	108 %
trans-1,2-dichloroethene	ND <	5.0	uG/L	83 %
methyl ethyl ketone		527.7	uG/L J	none
chloroform	ND <	5.0	uG/L	87 %
1,2-dichloroethane		11.0	uG/L J	89 %
1,1,1-trichloroethane	ND <	5.0	uG/L	78 %
p-dioxane	ND <	50.0	uG/L	none
carbon tetrachloride	ND <	5.0	uG/L	80 %
bromodichloromethane	ND <	5.0	uG/L	96 %
1,2-dichloropropane	ND <	5.0	uG/L	116 %
trans-1,3-dichloropropene	ND <	5.0	uG/L	none
trichloroethene	ND <	5.0	uG/L	none
benzene		8480	uG/L	108 %
chlorodibromomethane	ND <	5.0	uG/L	83 %
1,1,2-trichloroethane	ND <	5.0	uG/L	51 %
2-chloroethylvinyl ether	ND <	10.0	uG/L	none
bromoform	ND <	5.0	uG/L	none
1,1,2,2-tetrachloroethane	ND <	5.0	uG/L	0 %
tetrachloroethene	ND <	5.0	uG/L	62 %
toluene		1740	uG/L	115 %
chlorobenzene	ND <	5.0	uG/L	77 %
ethylbenzene		766	uG/L	121 %

Reverse Search Results Method 1624-C

ALLIED SIGNAL R-6 WELL 0300

P A Reference 04210 File FF45181
Sample Volume: 5.000 mL Volatiles

Compound	Concentration	
Iodomethane	ND	
Carbon Disulfide	ND	
Trichlorofluoromethane	9.6	uG/L B
Ethyl cyanide	ND	
3-chloropropene	ND	
Allyl alcohol	ND	
Chloroacetonitrile	ND	
Dibromomethane	ND	
Methacrylonitrile	ND	
Isobutanol	ND	
Vinyl Acetate	ND	
2-chloro-1,3-butadiene	ND	
Crotonaldehyde	ND	
cis-1,3-dichloropropene	ND	
1,3-dichloropropane	ND	
1,2-dibromoethane	ND	
Methyl methacrylate	ND	
1,1,1,2-tetrachloroethane	ND	
4-Methyl-2-Pentanone	369.2	uG/L B
1,2,3-trichloropropane	ND	
2-Hexanone	141.5	uG/L B
trans-1,4-dichloro-2-butene	ND	
Ethyl methacrylate	ND	
m-Xylene	270.1	uG/L J
o/p-Xylene	159.3	uG/L J

Analysis Results Method 1624-C

ALLIED SIGNAL R-5 WELL 0900

P A Reference 04197 File FF44151
Sample Volume: 5.000 mL Volatiles

dil. factor = 100.

Compound	Concentration			Spike Recovery
chloromethane	ND <	10.0	uG/L	101 %
bromomethane	ND <	10.0	uG/L	282 %
vinyl chloride	ND <	10.0	uG/L	161 %
chloroethane	ND <	10.0	uG/L	103 %
methylene chloride	ND <	5.0	uG/L	none
acetone		18800	uG/L (B)	none
acrolein	ND <	20.0	uG/L	none
acrylonitrile	ND <	10.0	uG/L	none
1,1-dichloroethene	ND <	5.0	uG/L	94 %
1,1-dichloroethane	ND <	5.0	uG/L	88 %
diethyl ether	ND <	10.0	uG/L	106 %
trans-1,2-dichloroethene	ND <	5.0	uG/L	86 %
methyl ethyl ketone		606.2	uG/L (J)	none
chloroform	ND <	5.0	uG/L	82 %
1,2-dichloroethane		10.9	uG/L (J)	95 %
1,1,1-trichloroethane	ND <	5.0	uG/L	84 %
p-dioxane	ND <	50.0	uG/L	none
carbon tetrachloride	ND <	5.0	uG/L	102 %
bromodichloromethane	ND <	5.0	uG/L	100 %
1,2-dichloropropane	ND <	5.0	uG/L	110 %
trans-1,3-dichloropropene	ND <	5.0	uG/L	none
trichloroethene	ND <	5.0	uG/L	none
benzene		8450	uG/L	103 %
chlorodibromomethane	ND <	5.0	uG/L	112 %
1,1,2-trichloroethane	ND <	5.0	uG/L	134 %
2-chloroethylvinyl ether	ND <	10.0	uG/L	none
bromoform	ND <	5.0	uG/L	none
1,1,2,2-tetrachloroethane	ND <	5.0	uG/L	85 %
tetrachloroethene	ND <	5.0	uG/L	51 %
toluene		1730	uG/L	118 %
chlorobenzene	ND <	5.0	uG/L	70 %
ethylbenzene		774	uG/L	128 %

Reverse Search Results Method 1624-C

ALLIED SIGNAL R-5 WELL 0900

P A Reference 04197 File FF44151
Sample Volume: 5.000 mL Volatiles

dil fact=100.

Compound	Concentration		
Iodomethane	ND		
Carbon Disulfide	ND		
Trichlorofluoromethane	10.5	uG/L	B
Ethyl cyanide	ND		
3-chloropropene	ND		
Allyl alcohol	ND		
Chloroacetonitrile	ND		
Dibromomethane	ND		
Methacrylonitrile	ND		
Isobutanol	ND		
Vinyl Acetate	ND		
2-chloro-1,3-butadiene	ND		
Crotonaldehyde	ND		
cis-1,3-dichloropropene	ND		
1,3-dichloropropane	ND		
1,2-dibromoethane	ND		
Methyl methacrylate	ND		
1,1,1,2-tetrachloroethane	ND		
4-Methyl-2-Pentanone	449.4	uG/L	B
1,2,3-trichloropropane	ND		
2-Hexanone	110.6	uG/L	B
trans-1,4-dichloro-2-butene	ND		
Ethyl methacrylate	ND		
m-Xylene	240.6	uG/L	
o/p-Xylene	134.9	uG/L	

Analysis Results Method 1624-C

ALLIED SIGNAL R-6 WELL 0900

P A Reference 04198 File FF44161
Sample Volume: 5.000 mL Volatiles

dil. fact. = 500

Compound	Concentration			Spike Recovery
chloromethane	ND <	10.0	uG/L	77 %
bromomethane	ND <	10.0	uG/L	305 %
vinyl chloride	ND <	10.0	uG/L	149 %
chloroethane	ND <	10.0	uG/L	109 %
methylene chloride	ND <	5.0	uG/L	none
acetone		22400	uG/L (B)	none
acrolein	ND <	20.0	uG/L	none
acrylonitrile	ND <	10.0	uG/L	none
1,1-dichloroethene	ND <	5.0	uG/L	99 %
1,1-dichloroethane	ND <	5.0	uG/L	95 %
diethyl ether	ND <	10.0	uG/L	109 %
trans-1,2-dichloroethene		11.6	uG/L (J)	95 %
methyl ethyl ketone		461.2	uG/L (J)	none
chloroform	ND <	5.0	uG/L	87 %
1,2-dichloroethane		12.7	uG/L (J)	99 %
1,1,1-trichloroethane	ND <	5.0	uG/L	90 %
p-dioxane	ND <	50.0	uG/L	none
carbon tetrachloride	ND <	5.0	uG/L	99 %
bromodichloromethane	ND <	5.0	uG/L	106 %
1,2-dichloropropane	ND <	5.0	uG/L	117 %
trans-1,3-dichloropropene	ND <	5.0	uG/L	none
trichloroethene	ND <	5.0	uG/L	none
benzene		44900	uG/L (J)	106 %
chlorodibromomethane	ND <	5.0	uG/L	111 %
1,1,2-trichloroethane	ND <	5.0	uG/L	136 %
2-chloroethylvinyl ether	ND <	10.0	uG/L	none
bromoform	ND <	5.0	uG/L	none
1,1,2,2-tetrachloroethane	ND <	5.0	uG/L	79 %
tetrachloroethene	ND <	5.0	uG/L	54 %
toluene		12700	uG/L	105 %
chlorobenzene	ND <	5.0	uG/L	67 %
ethylbenzene		1750	uG/L	114 %

Reverse Search Results Method 1624-C

ALLIED SIGNAL R-6 WELL 0900

P A Reference 04198 File FF44161
Sample Volume: 5.000 mL Volatiles

df = 100

Compound	Concentration		
Iodomethane	ND		
Carbon Disulfide	9.0	uG/L	J
Trichlorofluoromethane	10.8	uG/L	B
Ethyl cyanide	ND		
3-chloropropene	ND		
Allyl alcohol	ND		
Chloroacetonitrile	ND		
Dibromomethane	ND		
Methacrylonitrile	ND		
Isobutanol	ND		
Vinyl Acetate	ND		
2-chloro-1,3-butadiene	ND		
Crotonaldehyde	ND		
cis-1,3-dichloropropene	ND		
1,3-dichloropropane	ND		
1,2-dibromoethane	ND		
Methyl methacrylate	ND		
1,1,1,2-tetrachloroethane	ND		
4-Methyl-2-Pentanone	405.7	uG/L	B
1,2,3-trichloropropane	ND		
2-Hexanone	102.5	uG/L	B
trans-1,4-dichloro-2-butene	ND		
Ethyl methacrylate	ND		
m-Xylene	3810	uG/L	
o/p-Xylene	1900	uG/L	

Analysis Results Method 1624-C

ALLIED SIGNAL R-5 WELL 1500

P A Reference 04201 File FF45041
Sample Volume: 5.000 mL Volatiles

dil fact = 100

Compound		Concentration		Spike Recovery
chloromethane	ND <	10.0	uG/L	77 %
bromomethane	ND <	10.0	uG/L	234 %
vinyl chloride	ND <	10.0	uG/L	144 %
chloroethane	ND <	10.0	uG/L	98 %
methylene chloride	ND <	5.0	uG/L	none
acetone		31400	uG/L R	none
acrolein	ND <	20.0	uG/L	none
acrylonitrile	ND <	10.0	uG/L	none
1,1-dichloroethene	ND <	5.0	uG/L	98 %
1,1-dichloroethane	ND <	5.0	uG/L	103 %
diethyl ether	ND <	10.0	uG/L	94 %
trans-1,2-dichloroethene	ND <	5.0	uG/L	111 %
methyl ethyl ketone		354.0	uG/L J	none
chloroform	ND <	5.0	uG/L	99 %
1,2-dichloroethane		11.2	uG/L J	98 %
1,1,1-trichloroethane	ND <	5.0	uG/L	106 %
p-dioxane	ND <	50.0	uG/L	none
carbon tetrachloride	ND <	5.0	uG/L	91 %
bromodichloromethane	ND <	5.0	uG/L	86 %
1,2-dichloropropane	ND <	5.0	uG/L	103 %
trans-1,3-dichloropropene	ND <	5.0	uG/L	none
trichloroethene	ND <	5.0	uG/L	none
benzene		8780	uG/L	103 %
chlorodibromomethane	ND <	5.0	uG/L	92 %
1,1,2-trichloroethane	ND <	5.0	uG/L	102 %
2-chloroethylvinyl ether	ND <	10.0	uG/L	none
bromoform	ND <	5.0	uG/L	none
1,1,2,2-tetrachloroethane	ND <	5.0	uG/L	68 %
tetrachloroethene	ND <	5.0	uG/L	68 %
toluene		1680	uG/L	90 %
chlorobenzene	ND <	5.0	uG/L	106 %
ethylbenzene		740	uG/L	94 %

Reverse Search Results Method 1624-C

ALLIED SIGNAL R-5 WELL 1500

P A Reference 04201 File FF45041
Sample Volume: 5.000 mL Volatiles

Compound	Concentration	
Iodomethane	ND	
Carbon Disulfide	ND	
Trichlorofluoromethane	10.1 uG/L	B
Ethyl cyanide	ND	
3-chloropropene	ND	
Allyl alcohol	ND	
Chloroacetonitrile	ND	
Dibromomethane	ND	
Methacrylonitrile	ND	
Isobutanol	ND	
Vinyl Acetate	ND	
2-chloro-1,3-butadiene	ND	
Crotonaldehyde	ND	
cis-1,3-dichloropropene	ND	
1,3-dichloropropane	ND	
1,2-dibromoethane	ND	
Methyl methacrylate	ND	
1,1,1,2-tetrachloroethane	ND	
4-Methyl-2-Pentanone	238.5 uG/L	B
1,2,3-trichloropropane	ND	
2-Hexanone	88.4 uG/L	B
trans-1,4-dichloro-2-butene	ND	
Ethyl methacrylate	ND	
m-Xylene	407.2 uG/L	J
o/p-Xylene	240.5 uG/L	J

Analysis Results Method 1624-C

ALLIED SIGNAL R-6 WELL 1500

P A Reference 04202 File FF45051
Sample Volume: 5.000 mL Volatiles

dil. fact = 1000

Compound	Concentration			Spike Recovery
chloromethane	ND <	10.0	uG/L	94 %
bromomethane	ND <	10.0	uG/L	288 %
vinyl chloride	ND <	10.0	uG/L	155 %
chloroethane	ND <	10.0	uG/L	108 %
methylene chloride	ND <	5.0	uG/L	none
acetone		23400	uG/L B	none
acrolein	ND <	20.0	uG/L	none
acrylonitrile	ND <	10.0	uG/L	none
1,1-dichloroethene	ND <	5.0	uG/L	102 %
1,1-dichloroethane	ND <	5.0	uG/L	100 %
diethyl ether	ND <	10.0	uG/L	91 %
trans-1,2-dichloroethene		12.9	uG/L	100 %
methyl ethyl ketone		266.0	uG/L J	none
chloroform	ND <	5.0	uG/L	97 %
1,2-dichloroethane		11.8	uG/L J	96 %
1,1,1-trichloroethane	ND <	5.0	uG/L	100 %
p-dioxane	ND <	50.0	uG/L	none
carbon tetrachloride	ND <	5.0	uG/L	98 %
bromodichloromethane	ND <	5.0	uG/L	101 %
1,2-dichloropropane	ND <	5.0	uG/L	113 %
trans-1,3-dichloropropene	ND <	5.0	uG/L	none
trichloroethene	ND <	5.0	uG/L	none
benzene		66200	uG/L	102 %
chlorodibromomethane	ND <	5.0	uG/L	99 %
1,1,2-trichloroethane	ND <	5.0	uG/L	120 %
2-chloroethylvinyl ether	ND <	10.0	uG/L	none
bromoform	ND <	5.0	uG/L	none
1,1,2,2-tetrachloroethane	ND <	5.0	uG/L	73 %
tetrachloroethene		10.7	uG/L J	79 %
toluene		15600	uG/L	91 %
chlorobenzene	ND <	5.0	uG/L	107 %
ethylbenzene		1910	uG/L J	96 %

Reverse Search Results Method 1624-C

ALLIED SIGNAL R-6 WELL 1500

P A Reference 04202 File FF45051
Sample Volume: 5.000 mL Volatiles

Compound	Concentration		
Iodomethane	ND		
Carbon Disulfide	6.6	uG/L	J
Trichlorofluoromethane	9.5	uG/L	B
Ethyl cyanide	ND		
3-chloropropene	ND		
Allyl alcohol	ND		
Chloroacetonitrile	ND		
Dibromomethane	ND		
Methacrylonitrile	ND		
Isobutanol	ND		
Vinyl Acetate	ND		
2-chloro-1,3-butadiene	ND		
Crotonaldehyde	ND		
cis-1,3-dichloropropene	ND		
1,3-dichloropropane	ND		
1,2-dibromoethane	ND		
Methyl methacrylate	ND		
1,1,1,2-tetrachloroethane	ND		
4-Methyl-2-Pentanone	233.2	uG/L	B
1,2,3-trichloropropane	ND		
2-Hexanone	75.3	uG/L	B
trans-1,4-dichloro-2-butene	ND		
Ethyl methacrylate	ND		
m-Xylene	3920	uG/L	J
o/p-Xylene	2040	uG/L	J

Analysis Results Method 1624-C

ALLIED SIGNAL R-5 WELL 2100

P A Reference 04205 File FF45081
Sample Volume: 5.000 mL Volatiles

Dil. fact = 100

Compound	Concentration			Spike Recovery
chloromethane	ND <	10.0	uG/L	106 %
bromomethane	ND <	10.0	uG/L	293 %
vinyl chloride	ND <	10.0	uG/L	155 %
chloroethane	ND <	10.0	uG/L	102 %
methylene chloride	ND <	5.0	uG/L	none
acetone		113000	uG/L J	none
acrolein	ND <	20.0	uG/L	none
acrylonitrile	ND <	10.0	uG/L	none
1,1-dichloroethene	ND <	5.0	uG/L	98 %
1,1-dichloroethane	ND <	5.0	uG/L	97 %
diethyl ether	ND <	10.0	uG/L	99 %
trans-1,2-dichloroethene	ND <	5.0	uG/L	92 %
methyl ethyl ketone		452.1	uG/L J	none
chloroform	ND <	5.0	uG/L	95 %
1,2-dichloroethane		10.7	uG/L J	95 %
1,1,1-trichloroethane	ND <	5.0	uG/L	93 %
p-dioxane	ND <	50.0	uG/L	none
carbon tetrachloride	ND <	5.0	uG/L	95 %
bromodichloromethane	ND <	5.0	uG/L	91 %
1,2-dichloropropane	ND <	5.0	uG/L	110 %
trans-1,3-dichloropropene	ND <	5.0	uG/L	none
trichloroethene	ND <	5.0	uG/L	none
benzene		7370	uG/L	103 %
chlorodibromomethane	ND <	5.0	uG/L	98 %
1,1,2-trichloroethane	ND <	5.0	uG/L	107 %
2-chloroethylvinyl ether	ND <	10.0	uG/L	none
bromoform	ND <	5.0	uG/L	none
1,1,2,2-tetrachloroethane	ND <	5.0	uG/L	72 %
tetrachloroethene	ND <	5.0	uG/L	64 %
toluene		1480	uG/L	81 %
chlorobenzene	ND <	5.0	uG/L	88 %
ethylbenzene		768	uG/L	72 %

Reverse Search Results Method 1624-C

ALLIED SIGNAL R-5 WELL 2100

P A Reference 04205 File FF45081
Sample Volume: 5.000 mL Volatiles

df = 500

Compound	Concentration	
Iodomethane	ND	
Carbon Disulfide	ND	
Trichlorofluoromethane	10.1	uG/L B
Ethyl cyanide	ND	
3-chloropropene	ND	
Allyl alcohol	ND	
Chloroacetonitrile	ND	
Dibromomethane	ND	
Methacrylonitrile	ND	
Isobutanol	ND	
Vinyl Acetate	ND	
2-chloro-1,3-butadiene	ND	
Crotonaldehyde	ND	
cis-1,3-dichloropropene	ND	
1,3-dichloropropane	ND	
1,2-dibromoethane	ND	
Methyl methacrylate	ND	
1,1,1,2-tetrachloroethane	ND	
4-Methyl-2-Pentanone	380.8	uG/L B
1,2,3-trichloropropane	ND	
2-Hexanone	35.4	uG/L B
trans-1,4-dichloro-2-butene	ND	
Ethyl methacrylate	ND	
m-Xylene	345.4	uG/L J
o/p-Xylene	186.2	uG/L J

Analysis Results Method 1624-C

ALLIED SIGNAL R-6 WELL 2100

P A Reference 04206 File FF45141
Sample Volume: 5.000 mL Volatiles

dil fact=1000.

Compound		Concentration		Spike Recovery
chloromethane	ND <	10.0	uG/L	79 %
bromomethane	ND <	10.0	uG/L	281 %
vinyl chloride	ND <	10.0	uG/L	138 %
chloroethane	ND <	10.0	uG/L	89 %
methylene chloride		2.7	uG/L	none
acetone		38500	uG/L (B)	none
acrolein	ND <	20.0	uG/L	none
acrylonitrile	ND <	10.0	uG/L	none
1,1-dichloroethene	ND <	5.0	uG/L	91 %
1,1-dichloroethane	ND <	5.0	uG/L	94 %
diethyl ether	ND <	10.0	uG/L	100 %
trans-1,2-dichloroethene		11.8	uG/L	94 %
methyl ethyl ketone		342.7	uG/L (J)	none
chloroform	ND <	5.0	uG/L	89 %
1,2-dichloroethane		12.0	uG/L (J)	92 %
1,1,1-trichloroethane	ND <	5.0	uG/L	86 %
p-dioxane	ND <	50.0	uG/L	none
carbon tetrachloride	ND <	5.0	uG/L	106 %
bromodichloromethane	ND <	5.0	uG/L	120 %
1,2-dichloropropane	ND <	5.0	uG/L	144 %
trans-1,3-dichloropropene	ND <	5.0	uG/L	none
trichloroethene	ND <	5.0	uG/L	none
benzene		12100	uG/L	105 %
chlorodibromomethane	ND <	5.0	uG/L	89 %
1,1,2-trichloroethane	ND <	5.0	uG/L	69 %
2-chloroethylvinyl ether	ND <	10.0	uG/L	none
bromoform	ND <	5.0	uG/L	none
1,1,2,2-tetrachloroethane	ND <	5.0	uG/L	70 %
tetrachloroethene		8.9	uG/L (J)	52 %
toluene		4280	uG/L (J)	78 %
chlorobenzene	ND <	5.0	uG/L	74 %
ethylbenzene		2410	uG/L (J)	68 %

Reverse Search Results Method 1624-C

ALLIED SIGNAL R-6 WELL 2100

P A Reference 04206 File FF45141
Sample Volume: 5.000 mL Volatiles

df=1000

Compound	Concentration	
Iodomethane	ND	
Carbon Disulfide	5.3	uG/L J
Trichlorofluoromethane	10.0	uG/L B
Ethyl cyanide	ND	
3-chloropropene	ND	
Allyl alcohol	ND	
Chloroacetonitrile	ND	
Dibromomethane	ND	
Methacrylonitrile	ND	
Isobutanol	ND	
Vinyl Acetate	ND	
2-chloro-1,3-butadiene	ND	
Crotonaldehyde	ND	
cis-1,3-dichloropropene	ND	
1,3-dichloropropane	ND	
1,2-dibromoethane	ND	
Methyl methacrylate	ND	
1,1,1,2-tetrachloroethane	ND	
4-Methyl-2-Pentanone	253.7	uG/L B
1,2,3-trichloropropane	ND	
2-Hexanone	104.3	uG/L B
trans-1,4-dichloro-2-butene	ND	
Ethyl methacrylate	ND	
m-Xylene	14000	uG/L
o/p-Xylene	7380	uG/L

Tentatively Identified Compounds (TIC) Results

ALLIED SIGNAL

R-5 WELL 0300
Volatile fraction
File FF45171
FF42071

P A Reference 04209
Sample Volume: 5.0g/mL

Scan	CAS	Name	Conc	Units
699	98-82-8	BENZENE, (1-METHYLETHYL)-	115200	uG/L
885	6137-06-0	2-HEPTANONE, 4-METHYL-	3745	uG/L
439	625-33-2	3-PENTEN-2-ONE	757	uG/L
346		UNKNOWN	314	uG/L
581	108-95-2	PHENOL	134	uG/L
635	93-55-0	1-PROPANONE, 1-PHENYL-	100	uG/L

Tentatively Identified Compounds (TIC) Results

ALLIED SIGNAL

R-6 WELL 0300
Volatile fraction
File FF45181
FF42081

P A Reference 04210
Sample Volume: 5.0g/mL

Scan	CAS	Name	Conc	Units
696	98-82-8	BENZENE, (1-METHYLETHYL)-	179800	uG/L
884	6137-06-0	2-HEPTANONE, 4-METHYL-	4777	uG/L
763		C9. H8. ISOMER, such as indene	3537	uG/L
345	563-80-4	2-BUTANONE, 3-METHYL-	355	uG/L
211	109-87-5	METHANE, DIMETHOXY-	149	uG/L
581	108-95-2	PHENOL	257	uG/L

Tentatively Identified Compounds (TIC) Results

ALLIED SIGNAL

R-5 WELL 0900
Volatile fraction

P A Reference 04197
Sample Volume: 5.0g/mL

File FF44151
FF42051

Scan	CAS	Name	Conc	Units
697	98-82-8	BENZENE, (1-METHYLETHYL)-	285600	uG/L
885	6137-06-0	2-HEPTANONE, 4-METHYL-	1345	uG/L
641	98-86-2	ETHANONE, 1-PHENYL-	1138	uG/L
344	563-80-4	2-BUTANONE, 3-METHYL-	290	uG/L
580	108-95-2	PHENOL	67	uG/L

Tentatively Identified Compounds (TIC) Results

ALLIED SIGNAL

R-6 WELL 0900
Volatile fraction
File FF44161
FF 42061
FF 44081

P A Reference 04198
Sample Volume: 5.0g/mL

Scan	CAS	Name	Conc	Units
698	98-82-8	BENZENE, (1-METHYLETHYL)-	241800	uG/L
886	6137-06-0	2-HEPTANONE, 4-METHYL-	3630	uG/L
346	563-80-4	2-BUTANONE, 3-METHYL-	313	uG/L
855		UNKNOWN unsaturated	138	uG/L
582	108-95-2	PHENOL	83	uG/L

Tentatively Identified Compounds (TIC) Results

ALLIED SIGNAL

R-5 WELL 1500
Volatile fraction

P A Reference 04201
Sample Volume: 5.0g/mL

File FF45041
FF43041

Scan	CAS	Name	Conc	Units
714	98-82-8	BENZENE, (1-METHYLETHYL)-	114400	uG/L
885	111-13-7	2-OCTANONE	1363	uG/L
345	563-80-4	2-BUTANONE, 3-METHYL-	139	uG/L

Tentatively Identified Compounds (TIC) Results

ALLIED SIGNAL

R-6 WELL 1500
Volatile fraction
File FF45051
FF43051

P A Reference 04202
Sample Volume: 5.0g/mL

Scan	CAS	Name	Conc	Units
872	6137-06-0	2-HEPTANONE, 4-METHYL-	25400	uG/L
680	98-82-8	BENZENE, (1-METHYLETHYL)-	217200	uG/L
580	108-95-2	PHENOL	261	uG/L
349	10229-10-4	3-PENTYN-1-OL	7021	uG/L
854		UNKNOWN unsatd HC	36	uG/L

Tentatively Identified Compounds (TIC) Results

ALLIED SIGNAL

R-5 WELL 2100
Volatile fraction
File FF45081
FP4308\

P A Reference 04205
Sample Volume: 5.0g/mL

Scan	CAS	Name	Conc	Units
693	98-82-8	BENZENE, (1-METHYLETHYL)-	72300	uG/L
885	6137-06-0	2-HEPTANONE, 4-METHYL-	763	uG/L
345	563-80-4	2-BUTANONE, 3-METHYL-	299	uG/L
636	4799-66-0	ETHANOL, 2-(1-PHENYLETHOXY)-	135	uG/L
580	108-95-2	PHENOL	77	uG/L
211	109-87-5	METHANE, DIMETHOXY-	19	uG/L

Tentatively Identified Compounds (TIC) Results

ALLIED SIGNAL

R-6 WELL 2100
Volatile fraction
File FF45141
FF43091

P A Reference 04206
Sample Volume: 5.0g/mL

Scan	CAS	Name	Conc	Units
696	98-82-8	BENZENE, (1-METHYLETHYL)-	271600	uG/L
884	6137-06-0	2-HEPTANONE, 4-METHYL-	3374	uG/L
346	3681-82-1	3-HEXEN-1-OL, ACETATE, (E)-	353	uG/L
582	108-95-2	PHENOL	48	uG/L
656		UNKNOWN unsatd HC	45	uG/L
440		UNKNOWN " "	34	uG/L