ALLIED FRANKFORD RECOVERY WELL SAMPLES
VOLATILE ORGANIC COMOUNDS (ALL DATA IN UG/L)

Sample Location:	R2		R3		R5		R6	
Date Sampled:	9/28/90		9/28/90		9/28/90		9/28/90	
Dilution Factor:	100		100		100		100	
COMPOUND								
chloromethane	1000	UL	1000	UL	1000	UL	1000	UL
bromomethane	1000	UL	1000	UL	1000	UL	1000	UL
vinyl chloride	1000	UL	1000	UL	1000	UL	1000	UL
chloroethane	1000	UL	1000	UL	1000	UL	1000	UL
methylene chloride	500	UL	500	UL	3579	L	500	UL
acetone	2318	B	7348	B	51600	L	31500	L
carbon disulfide	500	UL	500	UL	500	UL	500	UL
1,1-dichloroethene	500	UL	500	UL	500	UL	500	UL
1,1-dichloroethane	500	UL	500	UL	500	UL	500	UL
1,2-dichloroethene(total)	500	UL	500	UL	500	UL	500	UL
chloroform	500	UL	500	UL	500	UL	500	UL
1,2-dichloroethane	500	UL	500	UL	500	UL	500	UL
2-butanone	1000	UL	1000	UL	1366	L	1000	UL
1,1,1-trichloroethane	500	UL	500	UL	500	UL	500	UL
carbon tetrachloride	500	UL	500	UL	500	UL	500	UL
vinyl acetate	1000	UL	1000	UL	1000	UL	1000	UL
bromodichloromethane	500	UL	500	UL	500	UL	500	UL
1,2-dichloropropane	500	UL	500	UL	500	UL	500	UL
cis-1,3-dichloropropene	500	UL	500	UL	500	UL	500	UL
trichloroethene	500	UL	500	UL	500	UL	500	UL
dibromochloromethane	500	UL	500	UL	500	UL	500	UL
1,1,2-trichloroethane	500	UL	500	UL	500	UL	500	UL
benzene	500	UL	1551	L	6516		36380	L
trans-1,3-dichloropropene	500	UL	500	UL	500	UL	500	UL
bromoform	500	UL	500	UL	500	UL	500	UL
4-methyl-2-pentanone	1000	UL	1000	UL	1000	UL	1000	UL
2-hexanone	1000	UL	1000	UL	1000	UL	1000	UL
tetrachloroethene	500	UL	500	UL	500	UL	500	UL
1,1,2,2-tetrachloroethane	500	UL	500	UL	500	UL	500	UL
toluene	500	UL	739	L	1553	L	13613	L

ALLIED FRANKFORD RECOVERY WELL SAMPLES
VOLATILE ORGANIC COMOUNDS (ALL DATA IN UG/L)

Sample Location:	R2		R3		R5		R6	
Date Sampled:	9/28/90		9/28/90		9/28/90		9/28/90	
Dilution Factor:	100		100		100		100	
COMPOUND								
chlorobenzene	500	UL	500	UL	500	UL	500	UL
ethylbenzene	500	UL	500	UL	546	L	1228	L
styrene	500	UL	500	UL	500	UL	681	L
total xylenes	500	UL	500	UL	873	L	5294	L
acrolein	500	UL	500	UL	500	UL	500	UL
acrylonitrile	500	UL	500	UL	500	UL	500	UL

ALLIED FRANKFORD RECOVERY WELL SAMPLES
METALS (ALL DATA IN UG/L)

Sample Location:	R2		R3		R5		R6	
Date Sampled:	9/28/90		9/28/90		9/28/90		9/28/90	
Dilution Factor:	1		1		1		1	
COMPOUND								
arsenic	80.43		370.80		12.48		10.00	U
barium	120.89		23.70		109.60		178.10	
cadmium	5.00	U	5.00	U	.18		5.00	U
chromium	103.20		22.99		7.23		650.10	
lead	1.97		148.70		62.64		63.20	
mercury	.20	U	72.00		.20	U	.20	U
selenium	5.00	UL	5.00	UL	5.00	UL	5.00	UL
silver	10.00	U	10.00	U	.31	B	10.00	U

ALLIED FRANKFORD RECOVERY WELL SAMPLES
PESTICIDE / PCB COMPOUNDS (ALL DATA IN UG/L)

Sample Location:	R2	R3	R5	R6
Date Sampled:	9/28/90	9/28/90	9/28/90	9/28/90
Dilution Factor:	2.0	2.0	2.0	2.0
COMPOUND				
alpha-BHC	.26 R	.90 R	.56 R	.10 U
beta-BHC	.10 U	3.60 R	.10 U	.23 R
delta-BHC	.10 U	.10 U	.10 U	.10 U
gamma-BHC (lindane)	.10 U	.10 U	.10 U	.10 U
heptachlor	.10 U	.10 U	.10 U	1.50 R
aldrin	.10 U	.10 U	.10 U	.10 U
heptachlor epoxide	.10 U	.10 U	.10 U	.10 U
endosulfan I	.10 U	.10 U	.10 U	.10 U
dieldrin	1.00 R	5.90 R	.20 U	.20 U
4,4'-DDE	.20 U	.20 U	.20 U	.20 U
endrin	.20 U	.20 U	.20 U	1.50 R
endosulfan II	.20 U	.20 U	.20 U	.20 U
4,4'-DDD	.30 R	4.80 R	.20 U	.20 U
endosulfan sulfate	.20 U	.20 U	.20 U	.20 U
4,4'-DDT	.20 U	2.70 R	.20 U	.20 U
methoxychlor	.56 R	1.00 U	1.00 U	1.00 U
endrin ketone	.20 U	.80 R	.20 U	.20 U
alpha chlordane	1.00 U	1.00 U	1.00 U	1.00 U
gamma chlordane	1.00 U	1.00 U	1.00 U	1.50 R
toxaphene	2.00 U	2.00 U	2.00 U	2.00 U
aroclor-1016	1.00 U	1.00 U	1.00 U	1.00 U
aroclor-1221	1.00 U	1.00 U	1.00 U	1.00 U
aroclor-1232	1.00 U	1.00 U	1.00 U	1.00 U
aroclor-1242	1.00 U	1.00 U	1.00 U	1.00 U
aroclor-1248	1.00 U	1.00 U	1.00 U	1.00 U
aroclor-1254	2.00 U	2.00 U	2.00 U	2.00 U
aroclor-1260	2.00 U	2.00 U	2.00 U	2.00 U

ALLIED FRANKFORD RECOVERY WELL SAMPLES

BASE / NEUTRAL / ACID POSITIVE DETECTIONS (ALL DATA IN UG/L)

Sample Location:	R2		R3		R5		R6	
Date Sampled:	9/28/90		9/28/90		9/28/90		9/28/90	
Dilution Factor:	1		1		1		1	
COMPOUND								
1,4-dichlorobenzene	80	UL	80	UL	80	UL	80	UL
2-methylphenol	143	L	5338	L	80	UL	568	L
4-methylphenol	394	L	18694	L	80	UL	1746	L
3-methylphenol	80	UL	80	UL	80	UL	80	UL
hexachloroethane	80	UL	80	UL	80	UL	80	UL
nitrobenzene	80	UL	80	UL	80	UL	80	UL
hexachlorobutadiene	80	UL	80	UL	80	UL	80	UL
2,4,6-trichlorophenol	80	UL	80	UL	80	UL	80	UL
2,4,5-trichlorophenol	80	UL	80	UL	80	UL	80	UL
2,4-dinitrotoluene	80	UL	80	UL	80	UL	80	UL
hexachlorobenzene	80	UL	80	UL	80	UL	80	UL
pentachlorophenol	400	UL	400	UL	400	UL	400	UL
pyridine	31	L	513	L	80	UL	80	UL

ALLIED FRANKFORD RECOVERY WELL SAMPLES
HERBICIDE COMPOUNDS (ALL DATA IN UG/L)

Sample Location:	R2		R3		R5		R6	
Date Sampled:	9/28/90		9/28/90		9/28/90		9/28/90	
Dilution Factor:	1		1		1		1	
COMPOUND								
2,4 - D	5.00	U	5.00	U	5.00	U	5.00	U
2,4, -DB	5.00	U	5.00	U	5.00	U	5.00	U
2,4,5 - T	1.00	U	1.00	U	1.70		.60	J
2,4,5 - TP	1.00	U	1.00	U	1.00	U	1.00	U
Dalapon	10.00	U	10.00	U	10.00	U	10.00	U
Dicamba	1.00	U	1.00	U	1.00	U	1.00	U
Dichlorprop	2.50	U	2.50	U	2.50	U	2.50	U
Dinoseb	2.50	U	2.50	U	2.50	U	2.50	U

A.4 UNVALIDATED RECOVERY WELL SAMPLE RESULTS (OCTOBER 2, 1990)

Laboratory-Generated Analysis Reporting Forms for Semivolatile Analyses

Method : 1625-C

Recovery Wells
10/2/90

Analysis Results Method 1625-C

ALLIED SIGNAL R-5 WELL

Base/Neutral fraction

F A Reference 04193 ES File WW1061

Sample Volume: 1000 mL Extract Volume: 1 mL

Compound	Concentration			Spike Recovery
N-Nitrosodimethylamine	ND <	10.4	ug/L	104 %
alpha Picoline	ND <	5.6	ug/L	91 %
Styrene		70.8	ug/L	75 %
p-Cymene (methyl cumene)		9.0	ug/L	73 %
Phenol	ND <	4.5	ug/L	0 %
bis(-2-Chloroethyl)Ether	ND <	5.2	ug/L	0 %
n-Decane	ND <	3.9	ug/L	none
1,3-Dichlorobenzene	ND <	6.2	ug/L	88 %
1,4-Dichlorobenzene	ND <	5.9	ug/L	81 %
1,2-Dichlorobenzene	ND <	6.0	ug/L	101 %
bis(2-Chloroisopropyl)Ether	ND <	20.8	ug/L	103 %
Hexachloroethane	ND <	16.2	ug/L	0 %
N-Nitroso-Di-n-Propylamine	ND <	7.2	ug/L	0 %
Nitrobenzene	ND <	10.6	ug/L	0 %
Isophorone	ND <	2.5	ug/L	83 %
2,4-Dimethylphenol		55.5	ug/L	76 %
bis(2-Chloroethoxy)Methane	ND <	3.8	ug/L	121 %
1,2,4-Trichlorobenzene	ND <	6.7	ug/L	77 %
Naphthalene	ND <	1.9	ug/L	77 %
alpha-Terpineol	ND <	5.5	ug/L	107 %
n-Dodecane	ND <	3.2	ug/L	77 %
1,2,3-Trichlorobenzene	ND <	6.8	ug/L	90 %
Hexachlorobutadiene	ND <	15.4	ug/L	72 %
Hexachlorocyclopentadiene	ND <	15.4	ug/L	none
2-Chloronaphthalene	ND <	3.3	ug/L	84 %
n-Tetradecane	ND <	3.4	ug/L	none
Biphenyl	ND <	2.9	ug/L	86 %
Diphenyl Ether		41.3	ug/L	99 %
Acenaphthylene		6.4	ug/L	83 %
Dimethyl Phthalate	ND <	2.4	ug/L	87 %
2,6-Dinitrotoluene	ND <	11.1	ug/L	136 %
Acenaphthene		31.7	ug/L	91 %
Dibenzofuran		27.8	ug/L	106 %
beta-Naphthylamine	ND <	15.5	ug/L	none
Fluorene		24.4	ug/L	89 %
4-Chlorophenyl-phenylether	ND <	6.4	ug/L	71 %
Diethylphthalate	ND <	2.9	ug/L	84 %
n-Hexadecane		8.2	ug/L	76 %
2,4-Dinitrotoluene	ND <	7.6	ug/L	122 %
1,2-Diphenylhydrazine	ND <	1.7	ug/L	80 %

ALLIED SIGNAL

R-5 WELL
Base/Neutral fraction

Compound	Concentration			Spike Recovery
Diphenylamine	ND <	1.5	ug/L	94 %
N-Nitrosodiphenylamine	ND <	1.5	ug/L	86 %
4-Bromophenyl-phenylether	ND <	9.7	ug/L	76 %
Hexachlorobenzene	ND <	9.2	ug/L	87 %
n-Octadecane	ND <	3.8	ug/L	none
Phenanthrene		35.0	ug/L	92 %
Anthracene		6.8	ug/L	92 %
Dibenzothiophene		5.9	ug/L	107 %
Carbazole		8.8	ug/L	none
n-Eicosane		12.0	ug/L	80 %
Di-n-Butylphthalate	ND <	1.4	ug/L	69 %
Fluoranthene		11.0	ug/L	89 %
Pyrene		6.6	ug/L	98 %
Benzidine	ND <	11.4	ug/L	7 %
n-docosane	ND <	2.1	ug/L	none
n-Tetracosane		6.7	ug/L	81 %
Butylbenzylphthalate	ND <	2.9	ug/L	89 %
Chrysene	ND <	1.5	ug/L	92 %
Benzo(a)anthracene	ND <	1.7	ug/L	75 %
3,3'-Dichlorobenzidine	ND <	5.3	ug/L	71 %
bis(2-Ethylhexyl) Phthalate	ND <	2.4	ug/L	40 %
n-Hexacosane	ND <	1.8	ug/L	none
Di-n-Octylphthalate	ND <	1.1	ug/L	64 %
n-Octacosane	ND <	1.6	ug/L	none
Benzo(b)fluoranthene	ND <	1.4	ug/L	75 %
Benzo(k)fluoranthene	ND <	1.2	ug/L	82 %
Benzo(a)pyrene	ND <	1.4	ug/L	79 %
n-Triacontane	ND <	1.5	ug/L	68 %
Indeno(1,2,3-cd)pyrene	ND <	1.2	ug/L	none
Benzo(g,h,i)perylene	ND <	1.4	ug/L	102 %
Dibenz(a,h)anthracene	ND <	1.5	ug/L	90 %
2-Chlorophenol	ND <	6.2	ug/L	0 %
2-Nitrophenol	ND <	10.2	ug/L	0 %
2,4-Dichlorophenol	ND <	6.9	ug/L	0 %
4-Chloro-3-Methylphenol	ND <	5.2	ug/L	0 %
2,4,6-Trichlorophenol	ND <	9.7	ug/L	0 %
2,4,5-Trichlorophenol	ND <	9.8	ug/L	0 %
2,3,6-Trichlorophenol	ND <	11.6	ug/L	none
2,4-Dinitrophenol	ND <	26.2	ug/L	0 %
4-Nitrophenol	ND <	30.2	ug/L	0 %
4,6-Dinitro-2-Methylphenol	ND <	18.9	ug/L	0 %
Pentachlorophenol	ND <	25.4	ug/L	0 %

Analysis Results Method 1625-C

ALLIED SIGNAL R-5 WELL 1/10
Base/Neutral fraction

P A Reference 04193 ES 1/10 File WW2021
Sample Volume: 1000 mL Extract Volume: 10 mL

Compound	Concentration			Spike Recovery
N-Nitrosodimethylamine	ND <	103.9	ug/L	0 %
alpha Picoline	ND <	56.0	ug/L	55 %
Styrene	ND <	47.3	ug/L	75 %
p-Cymene	ND <	29.6	ug/L	93 %
Phenol	ND <	44.9	ug/L	0 %
bis(-2-Chloroethyl)Ether	ND <	51.8	ug/L	75 %
n-Decane	ND <	38.9	ug/L	none
1,3-Dichlorobenzene	ND <	61.7	ug/L	85 %
1,4-Dichlorobenzene	ND <	59.4	ug/L	86 %
1,2-Dichlorobenzene	ND <	59.7	ug/L	104 %
bis(2-Chloroisopropyl)Ether	ND <	207.8	ug/L	121 %
Hexachloroethane	ND <	161.6	ug/L	75 %
N-Nitroso-Di-n-Propylamine	ND <	71.9	ug/L	0 %
Nitrobenzene	ND <	106.0	ug/L	0 %
Isophorone		24.7	ug/L	89 %
2,4-Dimethylphenol	ND <	52.2	ug/L	84 %
bis(2-Chloroethoxy)Methane	ND <	37.7	ug/L	116 %
1,2,4-Trichlorobenzene	ND <	66.7	ug/L	89 %
Naphthalene		1194.6	ug/L	94 %
alpha-Terpineol	ND <	55.5	ug/L	157 %
n-Dodecane	ND <	32.0	ug/L	84 %
1,2,3-Trichlorobenzene	ND <	68.0	ug/L	93 %
Hexachlorobutadiene	ND <	153.8	ug/L	79 %
Hexachlorocyclopentadiene	ND <	153.8	ug/L	none
2-Chloronaphthalene	ND <	32.7	ug/L	89 %
n-Tetradecane	ND <	33.7	ug/L	none
Biphenyl		29.9	ug/L	86 %
Diphenyl Ether	ND <	41.0	ug/L	92 %
Acenaphthylene	ND <	19.1	ug/L	72 %
Dimethyl Phthalate	ND <	24.4	ug/L	72 %
2,6-Dinitrotoluene	ND <	111.1	ug/L	99 %
Acenaphthene	ND <	28.1	ug/L	88 %
Dibenzofuran	ND <	17.8	ug/L	89 %
beta-Naphthylamine	ND <	155.3	ug/L	none
Fluorene	ND <	27.1	ug/L	85 %
4-Chlorophenyl-phenylether	ND <	64.4	ug/L	73 %
Diethylphthalate	ND <	28.9	ug/L	78 %
n-Hexadecane	ND <	22.9	ug/L	85 %
2,4-Dinitrotoluene	ND <	76.2	ug/L	75 %
1,2-Diphenylhydrazine	ND <	17.5	ug/L	91 %

ALLIED SIGNAL

R-5 WELL 1/10
Base/Neutral fraction

Compound	Concentration			Spike Recovery
Diphenylamine	ND <	14.9	ug/L	87 %
N-Nitrosodiphenylamine	ND <	14.9	ug/L	81 %
4-Bromophenyl-phenylether	ND <	97.3	ug/L	77 %
Hexachlorobenzene	ND <	92.5	ug/L	85 %
n-Octadecane	ND <	38.0	ug/L	none
Phenanthrene	ND <	15.5	ug/L	84 %
Anthracene	ND <	15.4	ug/L	90 %
Dibenzothiophene	ND <	18.9	ug/L	100 %
Carbazole	ND <	15.2	ug/L	none
n-Eicosane	ND <	20.3	ug/L	82 %
Di-n-Butylphthalate		480.8	ug/L	91 %
Fluoranthene	ND <	13.6	ug/L	98 %
Pyrene	ND <	13.6	ug/L	109 %
Benzidine	ND <	113.9	ug/L	0 %
n-docosane	ND <	20.7	ug/L	none
n-Tetracosane	ND <	20.0	ug/L	82 %
Butylbenzylphthalate	ND <	28.8	ug/L	77 %
Chrysene	ND <	15.3	ug/L	103 %
Benzo(a)anthracene	ND <	16.9	ug/L	91 %
3,3'-Dichlorobenzidine	ND <	52.7	ug/L	51 %
bis(2-Ethylhexyl) Phthalate		846.3	ug/L	73 %
n-Hexacosane	ND <	18.2	ug/L	none
Di-n-Octylphthalate	ND <	10.9	ug/L	54 %
n-Octacosane	ND <	15.6	ug/L	none
Benzo(b)fluoranthene	ND <	13.7	ug/L	72 %
Benzo(k)fluoranthene	ND <	12.5	ug/L	99 %
Benzo(a)pyrene	ND <	14.0	ug/L	75 %
n-Triacontane	ND <	15.4	ug/L	58 %
Indeno(1,2,3-cd)pyrene	ND <	11.8	ug/L	none
Benzo(g,h,i)perylene	ND <	14.2	ug/L	81 %
Dibenz(a,h)anthracene	ND <	14.7	ug/L	69 %
2-Chlorophenol	ND <	62.1	ug/L	0 %
2-Nitrophenol	ND <	102.2	ug/L	0 %
2,4-Dichlorophenol	ND <	69.0	ug/L	0 %
4-Chloro-3-Methylphenol	ND <	52.3	ug/L	0 %
2,4,6-Trichlorophenol	ND <	97.0	ug/L	0 %
2,4,5-Trichlorophenol	ND <	98.2	ug/L	0 %
2,3,6-Trichlorophenol	ND <	115.5	ug/L	none
2,4-Dinitrophenol	ND <	262.3	ug/L	0 %
4-Nitrophenol	ND <	301.9	ug/L	0 %
4,6-Dinitro-2-Methylphenol	ND <	189.3	ug/L	0 %
Pentachlorophenol	ND <	254.0	ug/L	0 %

Reverse Search Results Method 1625-C

ALLIED SIGNAL R-5 WELL 1/10
Base/Neutral fraction
P A Reference 04193 ES 1/10 File WW2021
Sample Volume: 1000 mL Extract Volume: 10 mL

Compound	Concentration
Pyridine	ND
N,N-dimethylformamide	ND
1,2:3,4-diepoxybutane	ND
N-nitrosomethylethylamine	ND
Methylmethanesulfonate	ND
N-nitrosodiethylamine	ND
1,3-Dichloro-2-propanol	ND
Ethylmethane sulfonate	ND
Dimethylsulfone	ND
Benzenethiol	ND
Pentachloroethane	ND
Aniline	ND
Thioacetamide	ND
Benzyl alcohol	ND
o-Cresol	ND
Acetophenone	6280.0 ug/L
o-toluidine	ND
N-nitrosomorpholine	ND
1,2-Dibromo-3-chloropropane	ND
3-bromochlorobenzene	ND
2-bromochlorobenzene	ND
Tripropyleneglycol methylether	ND
1,3,5-trithiane	ND
N-Nitrosopiperidine	ND
o-anisidine	ND
Thianaphthene	243.3 ug/L
N-nitrosomethylphenylamine	ND
Hexachloropropene	ND
4-chloroaniline	ND
3-chloronitrobenzene	ND
N-nitrosodi-n-butylamine	ND
Pentamethylbenzene	ND
1,3-benzenediol	ND
Safrole	ND
2,4,5-trimethylaniline	ND
2-methylnaphthalene	249.8 ug/L
2-methylbenzothiazole	ND
5-chloro-o-toluidine	ND
1,2,3-trimethoxybenzene	ND
1,2,4,5-tetrachlorobenzene	ND
Isosafrole (cis or trans)	ND
2,3-dichloroaniline	ND
2,4-diaminotoluene	ND
2,3-dichloronitrobenzene	ND

Reverse Search Results Method 1625-C p. 2

ALLIED SIGNAL

R-5 WELL 1/10
Base/Neutral fraction

Compound	Concentration
2-nitroaniline	ND
1,4-naphthaquinone	ND
Longifolene	ND
2-isopropylnaphthalene	ND
1,4-Dinitrobenzene	ND
2,6-dichloro-4-nitroaniline	ND
2,6-di-t-butyl-p-benzoquinone	ND
3-nitroaniline	ND
Pentachlorobenzene	ND
alpha-naphthylamine	28.7 ug/L
Ethylenethiourea	ND
2-(methylthio)benzothiazole	ND
4-chloro-2-nitroaniline	ND
5-nitro-o-toluidine	ND
4-nitroaniline	ND
Phenacetin	ND
1-methylfluorene	ND
4-aminobiphenyl	ND
Pronamide	ND
Diphenyldisulfide	ND
4-nitrobiphenyl	ND
1-phenylnaphthalene	ND
1,5-naphthalenediamine	ND
4,5-methylenephenanthrene	ND
1-methylphenanthrene	ND
2-phenylnaphthalene	ND
3,6-dimethylphenanthrene	ND
Methapyrilene	ND
Phenothiazine	ND
Crotoxyphos	ND
Thioxanthone	ND
Aramite	ND
p-dimethylaminoazobenzene	ND
2,3-benzofluorene	ND
Squalene	ND
4,4'-methylenebis(2-chloroanil	ND
3,3'-dimethoxybenzidine	ND
Triphenylene	ND
Benzanthrone	ND
Ethynylestradiol-3-methylether	ND
7,12-Dimethylbenz(a)anthracene	ND
Perylene	ND
Malachite green	ND
3-Methylcholanthrene	ND
Hexanoic acid	ND
p-cresol	ND
Benzoic acid	ND
2,6-dichlorophenol	ND
2,3,4,6-Tetrachlorophenol	ND
3,5-dibromo-4-hydroxybenzonitr	ND

Analysis Results Method 1625-C

ALLIED SIGNAL R-5 WELL

Acid fraction

P A Reference 04193 AS File WW1071

Sample Volume: 1000 mL Extract Volume: 1 mL

Compound	Concentration			Spike Recovery
N-Nitrosodimethylamine	ND <	10.4	ug/L	0 %
alpha Picoline	ND <	5.6	ug/L	0 %
Styrene	ND <	4.7	ug/L	0 %
p-Cymene	ND <	3.0	ug/L	0 %
Phenol	ND <	4.5	ug/L	0 %
bis(-2-Chloroethyl)Ether	ND <	5.2	ug/L	0 %
n-Decane	ND <	3.9	ug/L	none
1,3-Dichlorobenzene	ND <	6.2	ug/L	0 %
1,4-Dichlorobenzene	ND <	5.9	ug/L	0 %
1,2-Dichlorobenzene	ND <	6.0	ug/L	0 %
bis(2-Chloroisopropyl)Ether	ND <	20.8	ug/L	0 %
Hexachloroethane	ND <	16.2	ug/L	0 %
N-Nitroso-Di-n-Propylamine	ND <	7.2	ug/L	0 %
Nitrobenzene	ND <	10.6	ug/L	0 %
Isophorone	ND <	2.5	ug/L	0 %
2,4-Dimethylphenol	ND <	5.2	ug/L	0 %
bis(2-Chloroethoxy)Methane	ND <	3.8	ug/L	0 %
1,2,4-Trichlorobenzene	ND <	6.7	ug/L	0 %
Naphthalene	ND <	1.9	ug/L	0 %
alpha-Terpineol	ND <	5.5	ug/L	0 %
n-Dodecane	ND <	3.2	ug/L	0 %
1,2,3-Trichlorobenzene	ND <	6.8	ug/L	0 %
Hexachlorobutadiene	ND <	15.4	ug/L	0 %
Hexachlorocyclopentadiene	ND <	15.4	ug/L	none
2-Chloronaphthalene	ND <	3.3	ug/L	0 %
n-Tetradecane	ND <	3.4	ug/L	none
Biphenyl	ND <	2.9	ug/L	0 %
Diphenyl Ether	ND <	4.1	ug/L	0 %
Acenaphthylene	ND <	1.9	ug/L	0 %
Dimethyl Phthalate	ND <	2.4	ug/L	0 %
2,6-Dinitrotoluene	ND <	11.1	ug/L	0 %
Acenaphthene	ND <	2.8	ug/L	0 %
Dibenzofuran	ND <	1.8	ug/L	0 %
beta-Naphthylamine	ND <	15.5	ug/L	none
Fluorene	ND <	2.7	ug/L	0 %
4-Chlorophenyl-phenylether	ND <	6.4	ug/L	0 %
Diethylphthalate	ND <	2.9	ug/L	0 %
n-Hexadecane	ND <	2.3	ug/L	0 %
2,4-Dinitrotoluene	ND <	7.6	ug/L	0 %
1,2-Diphenylhydrazine	ND <	1.7	ug/L	0 %

ALLIED SIGNAL

R-5 WELL
Acid fraction

Compound	Concentration			Spike Recovery
Diphenylamine	ND <	1.5	ug/L	0 %
N-Nitrosodiphenylamine	ND <	1.5	ug/L	0 %
4-Bromophenyl-phenylether	ND <	9.7	ug/L	0 %
Hexachlorobenzene	ND <	9.2	ug/L	0 %
n-Octadecane	ND <	3.8	ug/L	none
Phenanthrene	ND <	1.6	ug/L	0 %
Anthracene	ND <	1.5	ug/L	0 %
Dibenzothiophene	ND <	1.9	ug/L	0 %
Carbazole	ND <	1.5	ug/L	none
n-Eicosane	ND <	2.0	ug/L	0 %
Di-n-Butylphthalate	ND <	1.4	ug/L	0 %
Fluoranthene	ND <	1.4	ug/L	0 %
Pyrene	ND <	1.4	ug/L	0 %
Benzidine	ND <	11.4	ug/L	0 %
n-docosane	ND <	2.1	ug/L	none
n-Tetracosane	ND <	2.0	ug/L	0 %
Butylbenzylphthalate	ND <	2.9	ug/L	0 %
Chrysene	ND <	1.5	ug/L	0 %
Benzo(a)anthracene	ND <	1.7	ug/L	0 %
3,3'-Dichlorobenzidine	ND <	5.3	ug/L	0 %
bis(2-Ethylhexyl) Phthalate	ND <	2.4	ug/L	0 %
n-Hexacosane	ND <	1.8	ug/L	none
Di-n-Octylphthalate	ND <	1.1	ug/L	0 %
n-Octacosane	ND <	1.6	ug/L	none
Benzo(b)fluoranthene	ND <	1.4	ug/L	0 %
Benzo(k)fluoranthene	ND <	1.2	ug/L	0 %
Benzo(a)pyrene	ND <	1.4	ug/L	0 %
n-Triacontane	ND <	1.5	ug/L	0 %
Indeno(1,2,3-cd)pyrene	ND <	1.2	ug/L	none
Benzo(g,h,i)perylene	ND <	1.4	ug/L	0 %
Dibenz(a,h)anthracene	ND <	1.5	ug/L	0 %
2-Chlorophenol	ND <	6.2	ug/L	0 %
2-Nitrophenol	ND <	10.2	ug/L	88 %
2,4-Dichlorophenol	ND <	6.9	ug/L	89 %
4-Chloro-3-Methylphenol	ND <	5.2	ug/L	69 %
2,4,6-Trichlorophenol	ND <	9.7	ug/L	76 %
2,4,5-Trichlorophenol	ND <	9.8	ug/L	81 %
2,3,6-Trichlorophenol	ND <	11.6	ug/L	none
2,4-Dinitrophenol	ND <	26.2	ug/L	89 %
4-Nitrophenol	ND <	30.2	ug/L	80 %
4,6-Dinitro-2-Methylphenol	ND <	18.9	ug/L	83 %
Pentachlorophenol	ND <	25.4	ug/L	96 %

Analysis Results Method 1625-C

ALLIED SIGNAL R-5 WELL 1/10
Acid fraction

P A Reference 04193 AS 1/10 File WW2031
Sample Volume: 1000 mL Extract Volume: 10 mL

Compound	Concentration			Spike Recovery
N-Nitrosodimethylamine	ND <	103.9	ug/L	0 %
alpha Picoline	ND <	56.0	ug/L	0 %
Styrene	ND <	47.3	ug/L	0 %
p-Cymene	ND <	29.6	ug/L	0 %
Phenol	ND <	44.9	ug/L	0 %
bis(-2-Chloroethyl)Ether	ND <	51.8	ug/L	0 %
n-Decane	ND <	38.9	ug/L	none
1,3-Dichlorobenzene	ND <	61.7	ug/L	0 %
1,4-Dichlorobenzene	ND <	59.4	ug/L	0 %
1,2-Dichlorobenzene	ND <	59.7	ug/L	0 %
bis(2-Chloroisopropyl)Ether	ND <	207.8	ug/L	0 %
Hexachloroethane	ND <	161.6	ug/L	0 %
N-Nitroso-Di-n-Propylamine	ND <	71.9	ug/L	0 %
Nitrobenzene	ND <	106.0	ug/L	0 %
Isophorone	ND <	25.0	ug/L	0 %
2,4-Dimethylphenol	ND <	52.2	ug/L	0 %
bis(2-Chloroethoxy)Methane	ND <	37.7	ug/L	0 %
1,2,4-Trichlorobenzene	ND <	66.7	ug/L	0 %
Naphthalene	ND <	19.5	ug/L	0 %
alpha-Terpineol	ND <	55.5	ug/L	0 %
n-Dodecane	ND <	32.0	ug/L	0 %
1,2,3-Trichlorobenzene	ND <	68.0	ug/L	0 %
Hexachlorobutadiene	ND <	153.8	ug/L	0 %
Hexachlorocyclopentadiene	ND <	153.8	ug/L	none
2-Chloronaphthalene	ND <	32.7	ug/L	0 %
n-Tetradecane	ND <	33.7	ug/L	none
Biphenyl	ND <	28.6	ug/L	0 %
Diphenyl Ether	ND <	41.0	ug/L	0 %
Acenaphthylene	ND <	19.1	ug/L	0 %
Dimethyl Phthalate	ND <	24.4	ug/L	0 %
2,6-Dinitrotoluene	ND <	111.1	ug/L	0 %
Acenaphthene	ND <	28.1	ug/L	0 %
Dibenzofuran	ND <	17.8	ug/L	0 %
beta-Naphthylamine	ND <	155.3	ug/L	none
Fluorene	ND <	27.1	ug/L	0 %
4-Chlorophenyl-phenylether	ND <	64.4	ug/L	0 %
Diethylphthalate	ND <	28.9	ug/L	0 %
n-Hexadecane	ND <	22.9	ug/L	0 %
2,4-Dinitrotoluene	ND <	76.2	ug/L	0 %
1,2-Diphenylhydrazine	ND <	17.5	ug/L	0 %

ALLIED SIGNAL

R-5 WELL 1/10
Acid fraction

Compound	Concentration				Spike Recovery
Diphenylamine	ND	<	14.9	ug/L	0 %
N-Nitrosodiphenylamine	ND	<	14.9	ug/L	0 %
4-Bromophenyl-phenylether	ND	<	97.3	ug/L	0 %
Hexachlorobenzene	ND	<	92.5	ug/L	0 %
n-Octadecane	ND	<	38.0	ug/L	none
Phenanthrene	ND	<	15.5	ug/L	0 %
Anthracene	ND	<	15.4	ug/L	0 %
Dibenzothiophene	ND	<	18.9	ug/L	0 %
Carbazole	ND	<	15.2	ug/L	none
n-Eicosane	ND	<	20.3	ug/L	0 %
Di-n-Butylphthalate	ND	<	14.3	ug/L	0 %
Fluoranthene	ND	<	13.6	ug/L	0 %
Pyrene	ND	<	13.6	ug/L	0 %
Benzidine	ND	<	113.9	ug/L	0 %
n-docosane	ND	<	20.7	ug/L	none
n-Tetracosane	ND	<	20.0	ug/L	0 %
Butylbenzylphthalate	ND	<	28.8	ug/L	0 %
Chrysene	ND	<	15.3	ug/L	0 %
Benzo(a)anthracene	ND	<	16.9	ug/L	0 %
3,3'-Dichlorobenzidine	ND	<	52.7	ug/L	0 %
bis(2-Ethylhexyl) Phthalate	ND	<	23.5	ug/L	0 %
n-Hexacosane	ND	<	18.2	ug/L	none
Di-n-Octylphthalate	ND	<	10.9	ug/L	0 %
n-Octacosane	ND	<	15.6	ug/L	none
Benzo(b)fluoranthene	ND	<	13.7	ug/L	0 %
Benzo(k)fluoranthene	ND	<	12.5	ug/L	0 %
Benzo(a)pyrene	ND	<	14.0	ug/L	0 %
n-Triacontane	ND	<	15.4	ug/L	0 %
Indeno(1,2,3-cd)pyrene	ND	<	11.8	ug/L	none
Benzo(g,h,i)perylene	ND	<	14.2	ug/L	0 %
Dibenz(a,h)anthracene	ND	<	14.7	ug/L	0 %
2-Chlorophenol	ND	<	62.1	ug/L	82 %
2-Nitrophenol	ND	<	102.2	ug/L	71 %
2,4-Dichlorophenol	ND	<	69.0	ug/L	0 %
4-Chloro-3-Methylphenol	ND	<	52.3	ug/L	59 %
2,4,6-Trichlorophenol	ND	<	97.0	ug/L	69 %
2,4,5-Trichlorophenol	ND	<	98.2	ug/L	65 %
2,3,6-Trichlorophenol	ND	<	115.5	ug/L	none
2,4-Dinitrophenol	ND	<	262.3	ug/L	0 %
4-Nitrophenol	ND	<	301.9	ug/L	0 %
4,6-Dinitro-2-Methylphenol	ND	<	189.3	ug/L	35 %
Pentachlorophenol	ND	<	254.0	ug/L	34 %

Reverse Search Results Method 1625-C

ALLIED SIGNAL R-5 WELL 1/10
Acid fraction

P A Reference 04193 AS 1/10 File WW2031
Sample Volume: 1000 mL Extract Volume: 10 mL

Compound	Concentration
Pyridine	ND
N,N-dimethylformamide	ND
1,2:3,4-diepoxybutane	ND
N-nitrosomethylethylamine	ND
Methylmethanesulfonate	ND
N-nitrosodiethylamine	ND
1,3-Dichloro-2-propanol	ND
Ethylmethane sulfonate	ND
Dimethylsulfone	ND
Benzenethiol	ND
Pentachloroethane	ND
Aniline	ND
Thioacetamide	ND
Benzyl alcohol	ND
o-Cresol	ND
Acetophenone	194.4 ug/L
o-toluidine	ND
N-nitrosomorpholine	ND
1,2-Dibromo-3-chloropropane	ND
3-bromochlorobenzene	ND
2-bromochlorobenzene	ND
Tripropyleneglycol methylether	ND
1,3,5-trithiane	ND
N-Nitrosopiperidine	ND
o-anisidine	ND
Thianaphthene	71.5 ug/L
N-nitrosomethylphenylamine	ND
Hexachloropropene	ND
4-chloroaniline	ND
3-chloronitrobenzene	ND
N-nitrosodi-n-butylamine	ND
Pentamethylbenzene	ND
1,3-benzenediol	ND
Safrole	ND
2,4,5-trimethylaniline	ND
2-methylnaphthalene	204.0 ug/L
2-methylbenzothiazole	ND
5-chloro-o-toluidine	ND
1,2,3-trimethoxybenzene	ND
1,2,4,5-tetrachlorobenzene	ND
Isosafrole (cis or trans)	ND
2,3-dichloroaniline	ND
2,4-diaminotoluene	ND
2,3-dichloronitrobenzene	ND

ALLIED SIGNAL

R-5 WELL 1/10
Acid fraction

Compound	Concentration
2-nitroaniline	ND
1,4-naphthaquinone	ND
Longifolene	ND
2-isopropylnaphthalene	ND
1,4-Dinitrobenzene	ND
2,6-dichloro-4-nitroaniline	ND
2,6-di-t-butyl-p-benzoquinone	ND
3-nitroaniline	ND
Pentachlorobenzene	ND
alpha-naphthylamine	ND
Ethylenethiourea	ND
2-(methylthio)benzothiazole	ND
4-chloro-2-nitroaniline	ND
5-nitro-o-toluidine	ND
4-nitroaniline	ND
Phenacetin	ND
1-methylfluorene	ND
4-aminobiphenyl	ND
Pronamide	ND
Diphenyldisulfide	ND
4-nitrobiphenyl	ND
1-phenylnaphthalene	ND
1,5-naphthalenediamine	ND
4,5-methylenephenanthrene	ND
1-methylphenanthrene	ND
2-phenylnaphthalene	ND
3,6-dimethylphenanthrene	ND
Methapyrilene	ND
Phenothiazine	ND
Crotoxyphos	ND
Thioxanthone	ND
Aramite	ND
p-dimethylaminoazobenzene	ND
2,3-benzofluorene	ND
Squalene	ND
4,4'-methylenebis(2-chloroanil	ND
3,3'-dimethoxybenzidine	ND
Triphenylene	ND
Benzanthrone	ND
Ethynylestradiol-3-methylether	ND
7,12-Dimethylbenz(a)anthracene	ND
Perylene	ND
Malachite green	ND
3-Methylcholanthrene	ND
Hexanoic acid	ND
p-cresol	ND
Benzoic acid	408.2 ug/L
2,6-dichlorophenol	ND
2,3,4,6-Tetrachlorophenol	ND
3,5-dibromo-4-hydroxybenzonitr	ND

Analysis Results Method 1625-C

ALLIED SIGNAL R-5 WELL 1/100
Acid fraction

P A Reference 04193 AS 1/100 File WW3041
Sample Volume: 1000 mL Extract Volume: 100 mL

Compound	Concentration			Spike Recovery
N-Nitrosodimethylamine	ND <	1039.0	ug/L	0 %
alpha Picoline	ND <	560.4	ug/L	0 %
Styrene	ND <	473.4	ug/L	0 %
p-Cymene	ND <	296.3	ug/L	0 %
* Phenol		25808.1	ug/L	0 %
bis(-2-Chloroethyl)Ether	ND <	517.8	ug/L	0 %
n-Decane	ND <	389.3	ug/L	none
1,3-Dichlorobenzene	ND <	616.6	ug/L	0 %
1,4-Dichlorobenzene	ND <	593.7	ug/L	0 %
1,2-Dichlorobenzene	ND <	597.0	ug/L	0 %
bis(2-Chloroisopropyl)Ether	ND <	2077.9	ug/L	0 %
Hexachloroethane	ND <	1616.2	ug/L	0 %
N-Nitroso-Di-n-Propylamine	ND <	719.1	ug/L	0 %
Nitrobenzene	ND <	1059.6	ug/L	0 %
Isophorone	ND <	249.8	ug/L	0 %
2,4-Dimethylphenol	ND <	522.0	ug/L	0 %
bis(2-Chloroethoxy)Methane	ND <	376.9	ug/L	0 %
1,2,4-Trichlorobenzene	ND <	666.7	ug/L	0 %
Naphthalene	ND <	194.6	ug/L	0 %
alpha-Terpineol	ND <	554.6	ug/L	0 %
n-Dodecane	ND <	319.7	ug/L	0 %
1,2,3-Trichlorobenzene	ND <	680.0	ug/L	0 %
Hexachlorobutadiene	ND <	1538.5	ug/L	0 %
Hexachlorocyclopentadiene	ND <	1538.5	ug/L	none
2-Chloronaphthalene	ND <	327.2	ug/L	0 %
n-Tetradecane	ND <	336.8	ug/L	none
Biphenyl	ND <	285.7	ug/L	0 %
Diphenyl Ether	ND <	409.7	ug/L	0 %
Acenaphthylene	ND <	191.4	ug/L	0 %
Dimethyl Phthalate	ND <	244.3	ug/L	0 %
2,6-Dinitrotoluene	ND <	1111.1	ug/L	0 %
Acenaphthene	ND <	281.2	ug/L	0 %
Dibenzofuran	ND <	178.0	ug/L	0 %
beta-Naphthylamine	ND <	1553.4	ug/L	none
Fluorene	ND <	270.7	ug/L	0 %
4-Chlorophenyl-phenylether	ND <	643.9	ug/L	0 %
Diethylphthalate	ND <	289.3	ug/L	0 %
n-Hexadecane	ND <	229.2	ug/L	0 %
2,4-Dinitrotoluene	ND <	761.9	ug/L	0 %
1,2-Diphenylhydrazine	ND <	174.9	ug/L	0 %

ALLIED SIGNAL

R-5 WELL 1/100
Acid fraction

Compound	Concentration			Spike Recovery
Diphenylamine	ND <	149.3	ug/L	0 %
N-Nitrosodiphenylamine	ND <	149.3	ug/L	0 %
4-Bromophenyl-phenylether	ND <	972.6	ug/L	0 %
Hexachlorobenzene	ND <	924.9	ug/L	0 %
n-Octadecane	ND <	380.5	ug/L	none
Phenanthrene	ND <	155.3	ug/L	0 %
Anthracene	ND <	154.1	ug/L	0 %
Dibenzothiophene	ND <	188.8	ug/L	0 %
Carbazole	ND <	152.3	ug/L	none
n-Eicosane	ND <	202.9	ug/L	0 %
Di-n-Butylphthalate	ND <	143.3	ug/L	0 %
Fluoranthene	ND <	135.8	ug/L	0 %
Pyrene	ND <	136.1	ug/L	0 %
Benzidine	ND <	1138.8	ug/L	0 %
n-docosane	ND <	206.7	ug/L	none
n-Tetracosane	ND <	200.0	ug/L	0 %
Butylbenzylphthalate	ND <	288.0	ug/L	0 %
Chrysene	ND <	152.7	ug/L	0 %
Benzo(a)anthracene	ND <	168.5	ug/L	0 %
3,3'-Dichlorobenzidine	ND <	527.2	ug/L	0 %
bis(2-Ethylhexyl) Phthalate	ND <	235.5	ug/L	0 %
n-Hexacosane	ND <	181.7	ug/L	none
Di-n-Octylphthalate	ND <	109.4	ug/L	0 %
n-Octacosane	ND <	155.9	ug/L	none
Benzo(b)fluoranthene	ND <	137.2	ug/L	0 %
Benzo(k)fluoranthene	ND <	124.6	ug/L	0 %
Benzo(a)pyrene	ND <	139.7	ug/L	0 %
n-Triacontane	ND <	153.6	ug/L	0 %
Indeno(1,2,3-cd)pyrene	ND <	117.8	ug/L	none
Benzo(g,h,i)perylene	ND <	142.2	ug/L	0 %
Dibenz(a,h)anthracene	ND <	146.9	ug/L	0 %
2-Chlorophenol	ND <	621.4	ug/L	0 %
2-Nitrophenol	ND <	1022.4	ug/L	0 %
2,4-Dichlorophenol	ND <	689.7	ug/L	0 %
4-Chloro-3-Methylphenol	ND <	522.9	ug/L	0 %
2,4,6-Trichlorophenol	ND <	969.7	ug/L	0 %
2,4,5-Trichlorophenol	ND <	981.6	ug/L	0 %
2,3,6-Trichlorophenol	ND <	1155.2	ug/L	none
2,4-Dinitrophenol	ND <	2623.0	ug/L	0 %
4-Nitrophenol	ND <	3018.9	ug/L	0 %
4,6-Dinitro-2-Methylphenol	ND <	1893.5	ug/L	0 %
Pentachlorophenol	ND <	2539.7	ug/L	0 %

Analysis Results Method 1625-C

ALLIED SIGNAL R-6 WELL

Base/Neutral fraction

P A Reference 04194 ES File WW1081

Sample Volume: 1000 mL Extract Volume: 1 mL

Compound	Concentration			Spike Recovery
N-Nitrosodimethylamine	ND <	10.4	ug/L	0 %
alpha Picoline	ND <	5.6	ug/L	64 %
Styrene		93.9	ug/L	47 %
p-Cymene		23.5	ug/L	60 %
Phenol	ND <	4.5	ug/L	0 %
bis(-2-Chloroethyl)Ether	ND <	5.2	ug/L	0 %
n-Decane	ND <	3.9	ug/L	none
1,3-Dichlorobenzene	ND <	6.2	ug/L	46 %
1,4-Dichlorobenzene	ND <	5.9	ug/L	60 %
1,2-Dichlorobenzene	ND <	6.0	ug/L	58 %
bis(2-Chloroisopropyl)Ether	ND <	20.8	ug/L	0 %
Hexachloroethane	ND <	16.2	ug/L	0 %
N-Nitroso-Di-n-Propylamine	ND <	7.2	ug/L	0 %
Nitrobenzene	ND <	10.6	ug/L	0 %
Isophorone	ND <	2.5	ug/L	0 %
2,4-Dimethylphenol	ND <	5.2	ug/L	0 %
bis(2-Chloroethoxy)Methane	ND <	3.8	ug/L	0 %
1,2,4-Trichlorobenzene	ND <	6.7	ug/L	0 %
Naphthalene	ND <	1.9	ug/L	0 %
alpha-Terpineol	ND <	5.5	ug/L	0 %
n-Dodecane	ND <	3.2	ug/L	51 %
1,2,3-Trichlorobenzene	ND <	6.8	ug/L	86 %
Hexachlorobutadiene	ND <	15.4	ug/L	67 %
Hexachlorocyclopentadiene	ND <	15.4	ug/L	none
2-Chloronaphthalene	ND <	3.3	ug/L	74 %
n-Tetradecane		7.2	ug/L	none
Biphenyl		108.3	ug/L	89 %
Diphenyl Ether		90.1	ug/L	99 %
Acenaphthylene		15.7	ug/L	82 %
Dimethyl Phthalate	ND <	2.4	ug/L	77 %
2,6-Dinitrotoluene	ND <	11.1	ug/L	130 %
Acenaphthene		105.7	ug/L	94 %
Dibenzofuran		215.0	ug/L	56 %
beta-Naphthylamine		35.0	ug/L	none
Fluorene		107.5	ug/L	58 %
4-Chlorophenyl-phenylether	ND <	6.4	ug/L	41 %
Diethylphthalate	ND <	2.9	ug/L	58 %
n-Hexadecane		13.5	ug/L	71 %
2,4-Dinitrotoluene	ND <	7.6	ug/L	130 %
1,2-Diphenylhydrazine	ND <	1.7	ug/L	32 %

ALLIED SIGNAL

R-6 WELL
Base/Neutral fraction

Compound	Concentration			Spike Recovery
Diphenylamine	ND <	1.5	ug/L	39 %
N-Nitrosodiphenylamine	ND <	1.5	ug/L	33 %
4-Bromophenyl-phenylether	ND <	9.7	ug/L	69 %
Hexachlorobenzene	ND <	9.2	ug/L	63 %
n-Octadecane	ND <	3.8	ug/L	none
Phenanthrene		141.7	ug/L	35 %
Anthracene	ND <	1.5	ug/L	43 %
Dibenzothiophene		14.3	ug/L	67 %
Carbazole	ND <	1.5	ug/L	none
n-Eicosane	ND <	2.0	ug/L	70 %
Di-n-Butylphthalate	ND <	1.4	ug/L	35 %
Fluoranthene		39.4	ug/L	93 %
Pyrene		25.8	ug/L	97 %
Benzidine	ND <	11.4	ug/L	0 %
n-docosane	ND <	2.1	ug/L	none
n-Tetracosane	ND <	2.0	ug/L	72 %
Butylbenzylphthalate	ND <	2.9	ug/L	91 %
Chrysene	ND <	1.5	ug/L	81 %
Benzo(a)anthracene	ND <	1.7	ug/L	38 %
3,3'-Dichlorobenzidine	ND <	5.3	ug/L	42 %
bis(2-Ethylhexyl) Phthalate	ND <	2.4	ug/L	33 %
n-Hexacosane	ND <	1.8	ug/L	none
Di-n-Octylphthalate		20.8	ug/L	68 %
n-Octacosane	ND <	1.6	ug/L	none
Benzo(b)fluoranthene	ND <	1.4	ug/L	89 %
Benzo(k)fluoranthene	ND <	1.2	ug/L	74 %
Benzo(a)pyrene	ND <	1.4	ug/L	76 %
n-Triacontane	ND <	1.5	ug/L	70 %
Indeno(1,2,3-cd)pyrene	ND <	1.2	ug/L	none
Benzo(g,h,i)perylene	ND <	1.4	ug/L	107 %
Dibenz(a,h)anthracene	ND <	1.5	ug/L	96 %
2-Chlorophenol	ND <	6.2	ug/L	0 %
2-Nitrophenol	ND <	10.2	ug/L	0 %
2,4-Dichlorophenol	ND <	6.9	ug/L	0 %
4-Chloro-3-Methylphenol	ND <	5.2	ug/L	0 %
2,4,6-Trichlorophenol	ND <	9.7	ug/L	0 %
2,4,5-Trichlorophenol	ND <	9.8	ug/L	0 %
2,3,6-Trichlorophenol	ND <	11.6	ug/L	none
2,4-Dinitrophenol	ND <	26.2	ug/L	0 %
4-Nitrophenol	ND <	30.2	ug/L	0 %
4,6-Dinitro-2-Methylphenol	ND <	18.9	ug/L	0 %
Pentachlorophenol	ND <	25.4	ug/L	0 %

Analysis Results Method 1625-C

ALLIED SIGNAL R-6 WELL 1/10
Base/Neutral fraction
P A Reference 04194 ES 1/10 File WW2041
Sample Volume: 1000 mL Extract Volume: 10 mL

Compound	Concentration			Spike Recovery
N-Nitrosodimethylamine	ND <	103.9	ug/L	0 %
alpha Picoline	ND <	56.0	ug/L	63 %
Styrene	ND <	47.3	ug/L	69 %
p-Cymene	ND <	29.6	ug/L	85 %
Phenol	ND <	44.9	ug/L	0 %
bis(-2-Chloroethyl)Ether	ND <	51.8	ug/L	81 %
n-Decane	ND <	38.9	ug/L	none
1,3-Dichlorobenzene	ND <	61.7	ug/L	82 %
1,4-Dichlorobenzene	ND <	59.4	ug/L	75 %
1,2-Dichlorobenzene	ND <	59.7	ug/L	93 %
bis(2-Chloroisopropyl)Ether	ND <	207.8	ug/L	108 %
Hexachloroethane	ND <	161.6	ug/L	69 %
N-Nitroso-Di-n-Propylamine	ND <	71.9	ug/L	0 %
Nitrobenzene	ND <	106.0	ug/L	0 %
Isophorone		23.6	ug/L	93 %
2,4-Dimethylphenol	ND <	52.2	ug/L	0 %
bis(2-Chloroethoxy)Methane	ND <	37.7	ug/L	98 %
1,2,4-Trichlorobenzene	ND <	66.7	ug/L	87 %
Naphthalene	ND <	19.5	ug/L	94 %
alpha-Terpineol	ND <	55.5	ug/L	0 %
n-Dodecane	ND <	32.0	ug/L	100 %
1,2,3-Trichlorobenzene	ND <	68.0	ug/L	102 %
Hexachlorobutadiene	ND <	153.8	ug/L	85 %
Hexachlorocyclopentadiene	ND <	153.8	ug/L	none
2-Chloronaphthalene	ND <	32.7	ug/L	105 %
n-Tetradecane	ND <	33.7	ug/L	none
Biphenyl	ND <	28.6	ug/L	98 %
Diphenyl Ether	ND <	41.0	ug/L	107 %
Acenaphthylene	ND <	19.1	ug/L	83 %
Dimethyl Phthalate	ND <	24.4	ug/L	85 %
2,6-Dinitrotoluene	ND <	111.1	ug/L	113 %
Acenaphthene	ND <	28.1	ug/L	106 %
Dibenzofuran	ND <	17.8	ug/L	109 %
beta-Naphthylamine	ND <	155.3	ug/L	none
Fluorene	ND <	27.1	ug/L	100 %
4-Chlorophenyl-phenylether	ND <	64.4	ug/L	87 %
Diethylphthalate	ND <	28.9	ug/L	77 %
n-Hexadecane	ND <	22.9	ug/L	90 %
2,4-Dinitrotoluene	ND <	76.2	ug/L	93 %
1,2-Diphenylhydrazine	ND <	17.5	ug/L	100 %

ALLIED SIGNAL

R-6 WELL 1/10
Base/Neutral fraction

Compound	Concentration			Spike Recovery
Diphenylamine	ND <	14.9	ug/L	112 %
N-Nitrosodiphenylamine	ND <	14.9	ug/L	103 %
4-Bromophenyl-phenylether	ND <	97.3	ug/L	99 %
Hexachlorobenzene	ND <	92.5	ug/L	100 %
n-Octadecane	ND <	38.0	ug/L	none
Phenanthrene	ND <	15.5	ug/L	111 %
Anthracene		22.3	ug/L	104 %
Dibenzothiophene	ND <	18.9	ug/L	107 %
Carbazole		4.5	ug/L	none
n-Eicosane	ND <	20.3	ug/L	84 %
Di-n-Butylphthalate		1043.7	ug/L	107 %
Fluoranthene	ND <	13.6	ug/L	118 %
Pyrene	ND <	13.6	ug/L	136 %
Benzidine	ND <	113.9	ug/L	0 %
n-docosane	ND <	20.7	ug/L	none
n-Tetracosane	ND <	20.0	ug/L	87 %
Butylbenzylphthalate	ND <	28.8	ug/L	91 %
Chrysene	ND <	15.3	ug/L	135 %
Benzo(a)anthracene	ND <	16.9	ug/L	104 %
3,3'-Dichlorobenzidine	ND <	52.7	ug/L	52 %
bis(2-Ethylhexyl) Phthalate		639.0	ug/L	101 %
n-Hexacosane	ND <	18.2	ug/L	none
Di-n-Octylphthalate	ND <	10.9	ug/L	77 %
n-Octacosane	ND <	15.6	ug/L	none
Benzo(b)fluoranthene	ND <	13.7	ug/L	76 %
Benzo(k)fluoranthene	ND <	12.5	ug/L	132 %
Benzo(a)pyrene	ND <	14.0	ug/L	91 %
n-Triacontane	ND <	15.4	ug/L	74 %
Indeno(1,2,3-cd)pyrene	ND <	11.8	ug/L	none
Benzo(g,h,i)perylene	ND <	14.2	ug/L	97 %
Dibenz(a,h)anthracene	ND <	14.7	ug/L	85 %
2-Chlorophenol	ND <	62.1	ug/L	0 %
2-Nitrophenol	ND <	102.2	ug/L	0 %
2,4-Dichlorophenol	ND <	69.0	ug/L	0 %
4-Chloro-3-Methylphenol	ND <	52.3	ug/L	0 %
2,4,6-Trichlorophenol	ND <	97.0	ug/L	0 %
2,4,5-Trichlorophenol	ND <	98.2	ug/L	0 %
2,3,6-Trichlorophenol	ND <	115.5	ug/L	none
2,4-Dinitrophenol	ND <	262.3	ug/L	0 %
4-Nitrophenol	ND <	301.9	ug/L	0 %
4,6-Dinitro-2-Methylphenol	ND <	189.3	ug/L	0 %
Pentachlorophenol	ND <	254.0	ug/L	0 %

Reverse Search Results Method 1625-C

ALLIED SIGNAL

R-6 WELL 1/10
Base/Neutral fraction
File WW2041

P A Reference 04194 ES 1/10
Sample Volume: 1000 mL

Extract Volume: 10 mL

Compound	Concentration
Pyridine	ND
N,N-dimethylformamide	ND
1,2:3,4-diepoxybutane	ND
N-nitrosomethylethylamine	ND
Methylmethanesulfonate	ND
N-nitrosodiethylamine	ND
1,3-Dichloro-2-propanol	ND
Ethylmethane sulfonate	ND
Dimethylsulfone	ND
Benzenethiol	ND
Pentachloroethane	ND
Aniline	ND
Thioacetamide	ND
Benzyl alcohol	ND
o-Cresol	37.3 ug/L
Acetophenone	5953.4 ug/L
o-toluidine	ND
N-nitrosomorpholine	ND
1,2-Dibromo-3-chloropropane	ND
3-bromochlorobenzene	ND
2-bromochlorobenzene	ND
Tripropyleneglycol methylether	ND
1,3,5-trithiane	ND
N-Nitrosopiperidine	ND
o-anisidine	ND
Thianaphthene	895.4 ug/L
N-nitrosomethylphenylamine	ND
Hexachloropropene	ND
4-chloroaniline	ND
3-chloronitrobenzene	ND
N-nitrosodi-n-butylamine	ND
Pentamethylbenzene	ND
1,3-benzenediol	ND
Safrole	ND
2,4,5-trimethylaniline	ND
2-methylnaphthalene	977.9 ug/L
2-methylbenzothiazole	ND
5-chloro-o-toluidine	ND
1,2,3-trimethoxybenzene	ND
1,2,4,5-tetrachlorobenzene	ND
Isosafrole (cis or trans)	ND
2,3-dichloroaniline	ND
2,4-diaminotoluene	ND
2,3-dichloronitrobenzene	ND

Reverse Search Results Method 1625-C p. 2

ALLIED SIGNAL

R-6 WELL 1/10
Base/Neutral fraction

Compound	Concentration
2-nitroaniline	ND
1,4-naphthaquinone	ND
Longifolene	ND
2-isopropylnaphthalene	ND
1,4-Dinitrobenzene	ND
2,6-dichloro-4-nitroaniline	ND
2,6-di-t-butyl-p-benzoquinone	ND
3-nitroaniline	ND
Pentachlorobenzene	ND
alpha-naphthylamine	22.5 ug/L
Ethylenethiourea	ND
2-(methylthio)benzothiazole	ND
4-chloro-2-nitroaniline	ND
5-nitro-o-toluidine	ND
4-nitroaniline	ND
Phenacetin	ND
1-methylfluorene	ND
4-aminobiphenyl	ND
Pronamide	ND
Diphenyldisulfide	ND
4-nitrobiphenyl	ND
1-phenylnaphthalene	ND
1,5-naphthalenediamine	ND
4,5-methylenephenanthrene	ND
1-methylphenanthrene	ND
2-phenylnaphthalene	ND
3,6-dimethylphenanthrene	ND
Methapyrilene	ND
Phenothiazine	ND
Crotoxyphos	ND
Thioxanthone	ND
Aramite	ND
p-dimethylaminoazobenzene	ND
2,3-benzofluorene	ND
Squalene	ND
4,4'-methylenebis(2-chloroanil	ND
3,3'-dimethoxybenzidine	ND
Triphenylene	ND
Benzanthrone	ND
Ethynylestradiol-3-methylether	ND
7,12-Dimethylbenz(a)anthracene	ND
Perylene	ND
Malachite green	ND
3-Methylcholanthrene	ND
Hexanoic acid	ND
p-cresol	313.2 ug/L
Benzoic acid	ND
2,6-dichlorophenol	ND
2,3,4,6-Tetrachlorophenol	ND
3,5-dibromo-4-hydroxybenzonitr	ND

Analysis Results Method 1625-C

ALLIED SIGNAL R-6 WELL 1/100
Base/Neutral fraction

P A Reference 04194 ES 1/100 File WW4021
Sample Volume: 1000 mL Extract Volume: 100 mL

Compound	Concentration			Spike Recovery
N-Nitrosodimethylamine	ND <	1039.0	ug/L	0 %
alpha Picoline	ND <	560.4	ug/L	0 %
Styrene	ND <	473.4	ug/L	0 %
p-Cymene	ND <	296.3	ug/L	0 %
Phenol	ND <	449.4	ug/L	0 %
bis(-2-Chloroethyl)Ether	ND <	517.8	ug/L	0 %
n-Decane	ND <	389.3	ug/L	none
1,3-Dichlorobenzene	ND <	616.6	ug/L	0 %
1,4-Dichlorobenzene	ND <	593.7	ug/L	0 %
1,2-Dichlorobenzene	ND <	597.0	ug/L	0 %
bis(2-Chloroisopropyl)Ether	ND <	2077.9	ug/L	0 %
Hexachloroethane	ND <	1616.2	ug/L	0 %
N-Nitroso-Di-n-Propylamine	ND <	719.1	ug/L	0 %
Nitrobenzene	ND <	1059.6	ug/L	0 %
Isophorone	ND <	249.8	ug/L	0 %
2,4-Dimethylphenol		3309.7	ug/L	0 %
bis(2-Chloroethoxy)Methane	ND <	376.9	ug/L	0 %
1,2,4-Trichlorobenzene	ND <	666.7	ug/L	0 %
Naphthalene		6987.3	ug/L	0 %
alpha-Terpineol	ND <	554.6	ug/L	0 %
n-Dodecane	ND <	319.7	ug/L	0 %
1,2,3-Trichlorobenzene	ND <	680.0	ug/L	0 %
Hexachlorobutadiene	ND <	1538.5	ug/L	0 %
Hexachlorocyclopentadiene	ND <	1538.5	ug/L	none
2-Chloronaphthalene	ND <	327.2	ug/L	0 %
n-Tetradecane	ND <	336.8	ug/L	none
Biphenyl	ND <	285.7	ug/L	0 %
Diphenyl Ether	ND <	409.7	ug/L	0 %
Acenaphthylene	ND <	191.4	ug/L	0 %
Dimethyl Phthalate	ND <	244.3	ug/L	0 %
2,6-Dinitrotoluene	ND <	1111.1	ug/L	0 %
Acenaphthene	ND <	281.2	ug/L	0 %
Dibenzofuran	ND <	178.0	ug/L	0 %
beta-Naphthylamine	ND <	1553.4	ug/L	none
Fluorene	ND <	270.7	ug/L	0 %
4-Chlorophenyl-phenylether	ND <	643.9	ug/L	0 %
Diethylphthalate	ND <	289.3	ug/L	0 %
n-Hexadecane	ND <	229.2	ug/L	0 %
2,4-Dinitrotoluene	ND <	761.9	ug/L	0 %
1,2-Diphenylhydrazine	ND <	174.9	ug/L	0 %

ALLIED SIGNAL

R-6 WELL 1/100
Base/Neutral fraction

Compound	Concentration			Spike Recovery
Diphenylamine	ND <	149.3	ug/L	0 %
N-Nitrosodiphenylamine	ND <	149.3	ug/L	0 %
4-Bromophenyl-phenylether	ND <	972.6	ug/L	0 %
Hexachlorobenzene	ND <	924.9	ug/L	0 %
n-Octadecane	ND <	380.5	ug/L	none
Phenanthrene	ND <	155.3	ug/L	0 %
Anthracene	ND <	154.1	ug/L	0 %
Dibenzothiophene	ND <	188.6	ug/L	0 %
Carbazole	ND <	152.3	ug/L	none
n-Eicosane	ND <	202.9	ug/L	0 %
Di-n-Butylphthalate	ND <	143.3	ug/L	0 %
Fluoranthene	ND <	135.8	ug/L	0 %
Pyrene	ND <	136.1	ug/L	0 %
Benzidine	ND <	1138.8	ug/L	0 %
n-docosane	ND <	206.7	ug/L	none
n-Tetracosane	ND <	200.0	ug/L	0 %
Butylbenzylphthalate	ND <	288.0	ug/L	0 %
Chrysene	ND <	152.7	ug/L	0 %
Benzo(a)anthracene	ND <	168.5	ug/L	0 %
3,3'-Dichlorobenzidine	ND <	527.2	ug/L	0 %
bis(2-Ethylhexyl) Phthalate	ND <	235.5	ug/L	0 %
n-Hexacosane	ND <	181.7	ug/L	none
Di-n-Octylphthalate	ND <	109.4	ug/L	0 %
n-Octacosane	ND <	155.9	ug/L	none
Benzo(b)fluoranthene	ND <	137.2	ug/L	0 %
Benzo(k)fluoranthene	ND <	124.6	ug/L	0 %
Benzo(a)pyrene	ND <	139.7	ug/L	0 %
n-Triacontane	ND <	153.6	ug/L	0 %
Indeno(1,2,3-cd)pyrene	ND <	117.8	ug/L	none
Benzo(g,h,i)perylene	ND <	142.2	ug/L	0 %
Dibenz(a,h)anthracene	ND <	146.9	ug/L	0 %
2-Chlorophenol	ND <	621.4	ug/L	0 %
2-Nitrophenol	ND <	1022.4	ug/L	0 %
2,4-Dichlorophenol	ND <	689.7	ug/L	0 %
4-Chloro-3-Methylphenol	ND <	522.9	ug/L	0 %
2,4,6-Trichlorophenol	ND <	969.7	ug/L	0 %
2,4,5-Trichlorophenol	ND <	981.6	ug/L	0 %
2,3,6-Trichlorophenol	ND <	1155.2	ug/L	none
2,4-Dinitrophenol	ND <	2623.0	ug/L	0 %
4-Nitrophenol	ND <	3018.9	ug/L	0 %
4,6-Dinitro-2-Methylphenol	ND <	1893.5	ug/L	0 %
Pentachlorophenol	ND <	2539.7	ug/L	0 %

Analysis Results Method 1625-C

ALLIED SIGNAL R-6 WELL
Acid fraction

P A Reference 04194 AS File WW1091
Sample Volume: 1000 mL Extract Volume: 1 mL

Compound	Concentration			Spike Recovery
N-Nitrosodimethylamine	ND <	10.4	ug/L	0 %
alpha Picoline	ND <	5.6	ug/L	0 %
Styrene	ND <	4.7	ug/L	0 %
p-Cymene	ND <	3.0	ug/L	0 %
Phenol	ND <	4.5	ug/L	0 %
bis(-2-Chloroethyl)Ether	ND <	5.2	ug/L	0 %
n-Decane	ND <	3.9	ug/L	none
1,3-Dichlorobenzene	ND <	6.2	ug/L	0 %
1,4-Dichlorobenzene	ND <	5.9	ug/L	0 %
1,2-Dichlorobenzene	ND <	6.0	ug/L	0 %
bis(2-Chloroisopropyl)Ether	ND <	20.8	ug/L	0 %
Hexachloroethane	ND <	16.2	ug/L	0 %
N-Nitroso-Di-n-Propylamine	ND <	7.2	ug/L	0 %
Nitrobenzene	ND <	10.6	ug/L	0 %
Isophorone	ND <	2.5	ug/L	0 %
2,4-Dimethylphenol	ND <	5.2	ug/L	0 %
bis(2-Chloroethoxy)Methane	ND <	3.8	ug/L	0 %
1,2,4-Trichlorobenzene	ND <	6.7	ug/L	0 %
Naphthalene	ND <	1.9	ug/L	0 %
alpha-Terpineol	ND <	5.5	ug/L	0 %
n-Dodecane	ND <	3.2	ug/L	0 %
1,2,3-Trichlorobenzene	ND <	6.8	ug/L	0 %
Hexachlorobutadiene	ND <	15.4	ug/L	0 %
Hexachlorocyclopentadiene	ND <	15.4	ug/L	none
2-Chloronaphthalene	ND <	3.3	ug/L	0 %
n-Tetradecane	ND <	3.4	ug/L	none
Biphenyl	ND <	2.9	ug/L	0 %
Diphenyl Ether	ND <	4.1	ug/L	0 %
Acenaphthylene	ND <	1.9	ug/L	0 %
Dimethyl Phthalate	ND <	2.4	ug/L	0 %
2,6-Dinitrotoluene	ND <	11.1	ug/L	0 %
Acenaphthene	ND <	2.8	ug/L	0 %
Dibenzofuran	ND <	1.8	ug/L	0 %
beta-Naphthylamine	ND <	15.5	ug/L	none
Fluorene	ND <	2.7	ug/L	0 %
4-Chlorophenyl-phenylether	ND <	6.4	ug/L	0 %
Diethylphthalate	ND <	2.9	ug/L	0 %
n-Hexadecane	ND <	2.3	ug/L	0 %
2,4-Dinitrotoluene	ND <	7.6	ug/L	0 %
1,2-Diphenylhydrazine	ND <	1.7	ug/L	0 %

ALLIED SIGNAL

R-6 WELL
Acid fraction

Compound	Concentration			Spike Recovery
Diphenylamine	ND <	1.5	ug/L	0 %
N-Nitrosodiphenylamine	ND <	1.5	ug/L	0 %
4-Bromophenyl-phenylether	ND <	9.7	ug/L	0 %
Hexachlorobenzene	ND <	9.2	ug/L	0 %
n-Octadecane	ND <	3.8	ug/L	none
Phenanthrene	ND <	1.6	ug/L	0 %
Anthracene	ND <	1.5	ug/L	0 %
Dibenzothiophene	ND <	1.9	ug/L	0 %
Carbazole	ND <	1.5	ug/L	none
n-Eicosane	ND <	2.0	ug/L	0 %
Di-n-Butylphthalate	ND <	1.4	ug/L	0 %
Fluoranthene	ND <	1.4	ug/L	0 %
Pyrene	ND <	1.4	ug/L	0 %
Benzidine	ND <	11.4	ug/L	0 %
n-docosane	ND <	2.1	ug/L	none
n-Tetracosane	ND <	2.0	ug/L	0 %
Butylbenzylphthalate	ND <	2.9	ug/L	0 %
Chrysene	ND <	1.5	ug/L	0 %
Benzo(a)anthracene	ND <	1.7	ug/L	0 %
3,3'-Dichlorobenzidine	ND <	5.3	ug/L	0 %
bis(2-Ethylhexyl) Phthalate	ND <	2.4	ug/L	0 %
n-Hexacosane	ND <	1.8	ug/L	none
Di-n-Octylphthalate	ND <	1.1	ug/L	0 %
n-Octacosane	ND <	1.6	ug/L	none
Benzo(b)fluoranthene	ND <	1.4	ug/L	0 %
Benzo(k)fluoranthene	ND <	1.2	ug/L	0 %
Benzo(a)pyrene	ND <	1.4	ug/L	0 %
n-Triacontane	ND <	1.5	ug/L	0 %
Indeno(1,2,3-cd)pyrene	ND <	1.2	ug/L	none
Benzo(g,h,i)perylene	ND <	1.4	ug/L	0 %
Dibenz(a,h)anthracene	ND <	1.5	ug/L	0 %
2-Chlorophenol	ND <	6.2	ug/L	0 %
2-Nitrophenol	ND <	10.2	ug/L	85 %
2,4-Dichlorophenol	ND <	6.9	ug/L	39 %
4-Chloro-3-Methylphenol	ND <	5.2	ug/L	60 %
2,4,6-Trichlorophenol	ND <	9.7	ug/L	82 %
2,4,5-Trichlorophenol	ND <	9.8	ug/L	85 %
2,3,6-Trichlorophenol	ND <	11.6	ug/L	none
2,4-Dinitrophenol	ND <	26.2	ug/L	99 %
4-Nitrophenol	ND <	30.2	ug/L	0 %
4,6-Dinitro-2-Methylphenol	ND <	18.9	ug/L	96 %
Pentachlorophenol	ND <	25.4	ug/L	84 %

Analysis Results Method 1625-C

ALLIED SIGNAL

R-6 WELL 1/10
Acid fraction

P A Reference 04194 AS 1/10
Sample Volume: 1000 mL

File WW2051
Extract Volume: 10 mL

Compound	Concentration			Spike Recovery
N-Nitrosodimethylamine	ND <	103.9	ug/L	0 %
alpha Picoline	ND <	56.0	ug/L	0 %
Styrene	ND <	47.3	ug/L	0 %
p-Cymene	ND <	29.6	ug/L	0 %
Phenol	ND <	44.9	ug/L	0 %
bis(-2-Chloroethyl)Ether	ND <	51.8	ug/L	0 %
n-Decane	ND <	38.9	ug/L	none
1,3-Dichlorobenzene	ND <	61.7	ug/L	0 %
1,4-Dichlorobenzene	ND <	59.4	ug/L	0 %
1,2-Dichlorobenzene	ND <	59.7	ug/L	0 %
bis(2-Chloroisopropyl)Ether	ND <	207.8	ug/L	0 %
Hexachloroethane	ND <	161.6	ug/L	0 %
N-Nitroso-Di-n-Propylamine	ND <	71.9	ug/L	0 %
Nitrobenzene	ND <	106.0	ug/L	0 %
Isophorone	ND <	25.0	ug/L	0 %
2,4-Dimethylphenol	ND <	52.2	ug/L	0 %
bis(2-Chloroethoxy)Methane	ND <	37.7	ug/L	0 %
1,2,4-Trichlorobenzene	ND <	66.7	ug/L	0 %
Naphthalene	ND <	19.5	ug/L	0 %
alpha-Terpineol	ND <	55.5	ug/L	0 %
n-Dodecane	ND <	32.0	ug/L	0 %
1,2,3-Trichlorobenzene	ND <	68.0	ug/L	0 %
Hexachlorobutadiene	ND <	153.8	ug/L	0 %
Hexachlorocyclopentadiene	ND <	153.8	ug/L	none
2-Chloronaphthalene	ND <	32.7	ug/L	0 %
n-Tetradecane	ND <	33.7	ug/L	none
Biphenyl	ND <	28.6	ug/L	0 %
Diphenyl Ether	ND <	41.0	ug/L	0 %
Acenaphthylene	ND <	19.1	ug/L	0 %
Dimethyl Phthalate	ND <	24.4	ug/L	0 %
2,6-Dinitrotoluene	ND <	111.1	ug/L	0 %
Acenaphthene	ND <	28.1	ug/L	0 %
Dibenzofuran	ND <	17.8	ug/L	0 %
beta-Naphthylamine	ND <	155.3	ug/L	none
Fluorene	ND <	27.1	ug/L	0 %
4-Chlorophenyl-phenylether	ND <	64.4	ug/L	0 %
Diethylphthalate	ND <	28.9	ug/L	0 %
n-Hexadecane	ND <	22.9	ug/L	0 %
2,4-Dinitrotoluene	ND <	76.2	ug/L	0 %
1,2-Diphenylhydrazine	ND <	17.5	ug/L	0 %

ALLIED SIGNAL

R-6 WELL 1/10
Acid fraction

Compound	Concentration			Spike Recovery
Diphenylamine	ND <	14.9	ug/L	0 %
N-Nitrosodiphenylamine	ND <	14.9	ug/L	0 %
4-Bromophenyl-phenylether	ND <	97.3	ug/L	0 %
Hexachlorobenzene	ND <	92.5	ug/L	0 %
n-Octadecane	ND <	38.0	ug/L	none
Phenanthrene	ND <	15.5	ug/L	0 %
Anthracene	ND <	15.4	ug/L	0 %
Dibenzothiophene	ND <	18.9	ug/L	0 %
Carbazole	ND <	15.2	ug/L	none
n-Eicosane	ND <	20.3	ug/L	0 %
Di-n-Butylphthalate	ND <	14.3	ug/L	0 %
Fluoranthene	ND <	13.6	ug/L	0 %
Pyrene	ND <	13.6	ug/L	0 %
Benzidine	ND <	113.9	ug/L	0 %
n-docosane	ND <	20.7	ug/L	none
n-Tetracosane	ND <	20.0	ug/L	0 %
Butylbenzylphthalate	ND <	28.8	ug/L	0 %
Chrysene	ND <	15.3	ug/L	0 %
Benzo(a)anthracene	ND <	16.9	ug/L	0 %
3,3'-Dichlorobenzidine	ND <	52.7	ug/L	0 %
bis(2-Ethylhexyl) Phthalate	ND <	23.5	ug/L	0 %
n-Hexacosane	ND <	18.2	ug/L	none
Di-n-Octylphthalate	ND <	10.9	ug/L	0 %
n-Octacosane	ND <	15.6	ug/L	none
Benzo(b)fluoranthene	ND <	13.7	ug/L	0 %
Benzo(k)fluoranthene	ND <	12.5	ug/L	0 %
Benzo(a)pyrene	ND <	14.0	ug/L	0 %
n-Triacontane	ND <	15.4	ug/L	0 %
Indeno(1,2,3-cd)pyrene	ND <	11.8	ug/L	none
Benzo(g,h,i)perylene	ND <	14.2	ug/L	0 %
Dibenz(a,h)anthracene	ND <	14.7	ug/L	0 %
2-Chlorophenol	ND <	62.1	ug/L	94 %
2-Nitrophenol	ND <	102.2	ug/L	89 %
2,4-Dichlorophenol	ND <	69.0	ug/L	93 %
4-Chloro-3-Methylphenol	ND <	52.3	ug/L	71 %
2,4,6-Trichlorophenol	ND <	97.0	ug/L	79 %
2,4,5-Trichlorophenol	ND <	98.2	ug/L	61 %
2,3,6-Trichlorophenol	ND <	115.5	ug/L	none
2,4-Dinitrophenol	ND <	262.3	ug/L	0 %
4-Nitrophenol	ND <	301.9	ug/L	0 %
4,6-Dinitro-2-Methylphenol	ND <	189.3	ug/L	59 %
Pentachlorophenol	ND <	254.0	ug/L	45 %

Reverse Search Results Method 1625-C

ALLIED SIGNAL

R-6 WELL 1/10
Acid fraction

P A Reference 04194 AS 1/10
Sample Volume: 1000 mL

File WW2051
Extract Volume: 10 mL

Compound	Concentration
Pyridine	ND
N,N-dimethylformamide	ND
1,2:3,4-diepoxybutane	ND
N-nitrosomethylethylamine	ND
Methylmethanesulfonate	ND
N-nitrosodiethylamine	ND
1,3-Dichloro-2-propanol	ND
Ethylmethane sulfonate	ND
Dimethylsulfone	ND
Benzenethiol	ND
Pentachloroethane	ND
Aniline	ND
Thioacetamide	ND
Benzyl alcohol	ND
o-Cresol	877.3 ug/L
Acetophenone	360.3 ug/L
o-toluidine	ND
N-nitrosomorpholine	ND
1,2-Dibromo-3-chloropropane	ND
3-bromochlorobenzene	ND
2-bromochlorobenzene	ND
Tripropyleneglycol methylether	ND
1,3,5-trithiane	ND
N-Nitrosopiperidine	ND
o-anisidine	ND
Thianaphthene	272.0 ug/L
N-nitrosomethylphenylamine	ND
Hexachloropropene	ND
4-chloroaniline	ND
3-chloronitrobenzene	ND
N-nitrosodi-n-butylamine	ND
Pentamethylbenzene	ND
1,3-benzenediol	ND
Safrole	ND
2,4,5-trimethylaniline	ND
2-methylnaphthalene	541.1 ug/L
2-methylbenzothiazole	ND
5-chloro-o-toluidine	ND
1,2,3-trimethoxybenzene	ND
1,2,4,5-tetrachlorobenzene	ND
Isosafrole (cis or trans)	ND
2,3-dichloroaniline	ND
2,4-diaminotoluene	ND
2,3-dichloronitrobenzene	ND

Reverse Search Results Method 1625-C p. 2

ALLIED SIGNAL

R-6 WELL 1/10
Acid fraction

Compound	Concentration	
2-nitroaniline	ND	
1,4-naphthaquinone	ND	
Longifolene	ND	
2-isopropylnaphthalene	ND	
1,4-Dinitrobenzene	ND	
2,6-dichloro-4-nitroaniline	ND	
2,6-di-t-butyl-p-benzoquinone	ND	
3-nitroaniline	ND	
Pentachlorobenzene	ND	
alpha-naphthylamine	ND	
Ethylenethiourea	ND	
2-(methylthio)benzothiazole	ND	
4-chloro-2-nitroaniline	ND	
5-nitro-o-toluidine	ND	
4-nitroaniline	ND	
Phenacetin	ND	
1-methylfluorene	ND	
4-aminobiphenyl	ND	
Pronamide	ND	
Diphenyldisulfide	ND	
4-nitrobiphenyl	ND	
1-phenylnaphthalene	ND	
1,5-naphthalenediamine	ND	
4,5-methylenephenanthrene	ND	
1-methylphenanthrene	ND	
2-phenylnaphthalene	ND	
3,6-dimethylphenanthrene	ND	
Methapyrilene	ND	
Phenothiazine	ND	
Crotoxyphos	ND	
Thioxanthone	ND	
Aramite	ND	
p-dimethylaminoazobenzene	ND	
2,3-benzofluorene	ND	
Squalene	ND	
4,4'-methylenebis(2-chloroanil	ND	
3,3'-dimethoxybenzidine	ND	
Triphenylene	ND	
Benzanthrone	ND	
Ethynylestradiol-3-methylether	ND	
7,12-Dimethylbenz(a)anthracene	ND	
Perylene	ND	
Malachite green	ND	
3-Methylcholanthrene	ND	
Hexanoic acid	141.0	ug/L
p-cresol	1708.3	ug/L
Benzoic acid	538.9	ug/L
2,6-dichlorophenol	ND	
2,3,4,6-Tetrachlorophenol	ND	
3,5-dibromo-4-hydroxybenzonitr	ND	

Analysis Results Method 1625-C

ALLIED SIGNAL R-6 WELL 1/100
Acid fraction

P A Reference 04194 AS 1/100 File WW3051
Sample Volume: 1000 mL Extract Volume: 100 mL

Compound	Concentration			Spike Recovery
N-Nitrosodimethylamine	ND <	1039.0	ug/L	0 %
alpha Picoline	ND <	560.4	ug/L	0 %
Styrene	ND <	473.4	ug/L	0 %
p-Cymene	ND <	296.3	ug/L	0 %
Phenol		27014.4	ug/L	0 %
bis(-2-Chloroethyl)Ether	ND <	517.8	ug/L	0 %
n-Decane	ND <	389.3	ug/L	none
1,3-Dichlorobenzene	ND <	616.6	ug/L	0 %
1,4-Dichlorobenzene	ND <	593.7	ug/L	0 %
1,2-Dichlorobenzene	ND <	597.0	ug/L	0 %
bis(2-Chloroisopropyl)Ether	ND <	2077.9	ug/L	0 %
Hexachloroethane	ND <	1616.2	ug/L	0 %
N-Nitroso-Di-n-Propylamine	ND <	719.1	ug/L	0 %
Nitrobenzene	ND <	1059.6	ug/L	0 %
Isophorone	ND <	249.8	ug/L	0 %
2,4-Dimethylphenol	ND <	522.0	ug/L	0 %
bis(2-Chloroethoxy)Methane	ND <	376.9	ug/L	0 %
1,2,4-Trichlorobenzene	ND <	666.7	ug/L	0 %
Naphthalene	ND <	194.6	ug/L	0 %
alpha-Terpineol	ND <	554.6	ug/L	0 %
n-Dodecane	ND <	319.7	ug/L	0 %
1,2,3-Trichlorobenzene	ND <	680.0	ug/L	0 %
Hexachlorobutadiene	ND <	1538.5	ug/L	0 %
Hexachlorocyclopentadiene	ND <	1538.5	ug/L	none
2-Chloronaphthalene	ND <	327.2	ug/L	0 %
n-Tetradecane	ND <	336.8	ug/L	none
Biphenyl	ND <	285.7	ug/L	0 %
Diphenyl Ether	ND <	409.7	ug/L	0 %
Acenaphthylene	ND <	191.4	ug/L	0 %
Dimethyl Phthalate	ND <	244.3	ug/L	0 %
2,6-Dinitrotoluene	ND <	1111.1	ug/L	0 %
Acenaphthene	ND <	281.2	ug/L	0 %
Dibenzofuran	ND <	178.0	ug/L	0 %
beta-Naphthylamine	ND <	1553.4	ug/L	none
Fluorene	ND <	270.7	ug/L	0 %
4-Chlorophenyl-phenylether	ND <	643.9	ug/L	0 %
Diethylphthalate	ND <	289.3	ug/L	0 %
n-Hexadecane	ND <	229.2	ug/L	0 %
2,4-Dinitrotoluene	ND <	761.9	ug/L	0 %
1,2-Diphenylhydrazine	ND <	174.9	ug/L	0 %

ALLIED SIGNAL

R-6 WELL 1/100
Acid fraction

Compound	Concentration			Spike Recovery
Diphenylamine	ND <	149.3	ug/L	0 %
N-Nitrosodiphenylamine	ND <	149.3	ug/L	0 %
4-Bromophenyl-phenylether	ND <	972.6	ug/L	0 %
Hexachlorobenzene	ND <	924.9	ug/L	0 %
n-Octadecane	ND <	380.5	ug/L	none
Phenanthrene	ND <	155.3	ug/L	0 %
Anthracene	ND <	154.1	ug/L	0 %
Dibenzothiophene	ND <	188.8	ug/L	0 %
Carbazole	ND <	152.3	ug/L	none
n-Eicosane	ND <	202.9	ug/L	0 %
Di-n-Butylphthalate	ND <	143.3	ug/L	0 %
Fluoranthene	ND <	135.8	ug/L	0 %
Pyrene	ND <	136.1	ug/L	0 %
Benzidine	ND <	1138.8	ug/L	0 %
n-docosane	ND <	206.7	ug/L	none
n-Tetracosane	ND <	200.0	ug/L	0 %
Butylbenzylphthalate	ND <	288.0	ug/L	0 %
Chrysene	ND <	152.7	ug/L	0 %
Benzo(a)anthracene	ND <	168.5	ug/L	0 %
3,3'-Dichlorobenzidine	ND <	527.2	ug/L	0 %
bis(2-Ethylhexyl) Phthalate	ND <	235.5	ug/L	0 %
n-Hexacosane	ND <	181.7	ug/L	none
Di-n-Octylphthalate	ND <	109.4	ug/L	0 %
n-Octacosane	ND <	155.9	ug/L	none
Benzo(b)fluoranthene	ND <	137.2	ug/L	0 %
Benzo(k)fluoranthene	ND <	124.6	ug/L	0 %
Benzo(a)pyrene	ND <	139.7	ug/L	0 %
n-Triacontane	ND <	153.6	ug/L	0 %
Indeno(1,2,3-cd)pyrene	ND <	117.8	ug/L	none
Benzo(g,h,i)perylene	ND <	142.2	ug/L	0 %
Dibenz(a,h)anthracene	ND <	146.9	ug/L	0 %
2-Chlorophenol	ND <	621.4	ug/L	0 %
2-Nitrophenol	ND <	1022.4	ug/L	0 %
2,4-Dichlorophenol	ND <	689.7	ug/L	0 %
4-Chloro-3-Methylphenol	ND <	522.9	ug/L	0 %
2,4,6-Trichlorophenol	ND <	969.7	ug/L	0 %
2,4,5-Trichlorophenol	ND <	981.6	ug/L	0 %
2,3,6-Trichlorophenol	ND <	1155.2	ug/L	none
2,4-Dinitrophenol	ND <	2623.0	ug/L	0 %
4-Nitrophenol	ND <	3018.9	ug/L	0 %
4,6-Dinitro-2-Methylphenol	ND <	1893.5	ug/L	0 %
Pentachlorophenol	ND <	2539.7	ug/L	0 %

Tentatively Identified Compounds (TIC) Results

ALLIED SIGNAL

R-5 WELL 1/10
Base/Neutral fraction

P A Reference 04193 ES 1/10
File WW2021
Sample Volume: 1000 mL
Extract Volume: 10 mL

Scan	CAS	Name	Conc	Units
459	98-82-8	BENZENE, (1-METHYLETHYL)-	20850	ug/L
972	90-12-0	NAPHTHALENE, 1-METHYL-	329	ug/L
359	100-41-4	BENZENE, ETHYL-	495	ug/L
631	673-32-5	BENZENE, 1-PROPYNYL-	524	ug/L
711		UNKNOWN	384	ug/L
889		UNKNOWN	569	ug/L
691	4013-34-7	BENZENE,(1-METHOXYETHYL)-	18580	ug/L
547	18217-12-4	2-HEPTANONE, 5-METHYL-	1950	ug/L
1483	599-64-4	*PHENOL, 4-(1-METHYL-1-PHENYLET	1330	ug/L
211	108-88-3	BENZENE, METHYL-	1070	ug/L
245	591-78-6	2-HEXANONE	1040	ug/L
619	25013-15-4	BENZENE, ETHENYLMETHYL-	830	ug/L
371	106-42-3	BENZENE, 1,4-DIMETHYL-	740	ug/L

Tentatively Identified Compounds (TIC) Results

ALLIED SIGNAL

R-5 WELL 1/10
Acid fraction

P A Reference 04193 AS 1/10

File WW2031

Sample Volume: 1000 mL

Extract Volume: 10 mL

Scan	CAS	Name	Conc	Units
454	98-82-8	BENZENE, (1-METHYLETHYL)-	11460	ug/L
242		UNKNOWN	1590	ug/L
940	492-37-5	BENZENEACETIC ACID, .ALPHA.-ME	530	ug/L
632	673-32-5	BENZENE, 1-PROPYNYL-	330	ug/L
1180		C13H20 (SUBSTITUTED BENZENE)	280	ug/L
371	106-42-3	BENZENE, 1,4-DIMETHYL-	60	ug/L
388		UNKNOWN	51	ug/L
619	611-15-4	BENZENE, 1-ETHENYL-2-METHYL-	106	ug/L
790	65-85-0	BENZOIC ACID	383	ug/L
951		NAPHTHALENE, 2-METHYL-	506	ug/L
972	90-12-0	NAPHTHALENE, 1-METHYL-	163	ug/L

Tentatively Identified Compounds (TIC) Results

ALLIED SIGNAL

R-6 WELL 1/10
Base/Neutral fraction

P A Reference 04194 ES 1/10
File WW2041
Sample Volume: 1000 mL
Extract Volume: 10 mL

Scan	CAS	Name	Conc	Units
890	119-65-3	ISOQUINOLINE	18200	ug/L
458	98-82-8	BENZENE, (1-METHYLETHYL)-	16630	ug/L
211	108-88-3	BENZENE, METHYL-	5460	ug/L
968	91-63-4	QUINOLINE, 2-METHYL-	5110	ug/L
563		UNKNOWN	11160	ug/L
915	119-65-3	ISOQUINOLINE	6610	ug/L
372	106-42-3	BENZENE, 1,4-DIMETHYL-	6580	ug/L
632	673-32-5	BENZENE, 1-PROPYNYL-	6360	ug/L
1392	00-00-0	5-ISOQUINOLINOL	26840	ug/L
691	4013-34-7	BENZENE, (1-METHOXYETHYL)-	22010	ug/L

Tentatively Identified Compounds (TIC) Results

ALLIED SIGNAL

R-6 WELL 1/10
Acid fraction

P A Reference 04194 AS 1/10
File WW2051
Sample Volume: 1000 mL
Extract Volume: 10 mL

Scan	CAS	Name	Conc	Units
459	98-82-8	BENZENE, (1-METHYLETHYL)-	21120	ug/L
785	108-68-9	PHENOL, 3,5-DIMETHYL-	4990	ug/L
371	106-42-3	BENZENE, 1,4-DIMETHYL-	3080	ug/L
556		KETONE MWT 120	3020	ug/L
1368	00-00-0	5-ISOQUINOLINOL	2120	ug/L
894	698-71-5	PHENOL, 3-ETHYL-5-METHYL-	1850	ug/L
211	108-88-3	BENZENE, METHYL-	1820	ug/L
1595	2467-02-9	PHENOL, 2,2'-METHYLENEBIS-	1570	ug/L
632	673-32-5	BENZENE, 1-PROPYNYL-	1510	ug/L
971	90-12-0	NAPHTHALENE, 1-METHYL-	901	ug/L
408	106-42-3	BENZENE, 1,4-DIMETHYL-	1105	ug/L
358	100-41-4	BENZENE, ETHYL-	638	ug/L

Laboratory-Generated Analysis Reporting Forms for Volatile Analyses

method : 1624-C

Recovery Wells

10/2/90