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A N A L Y T I C A L R E P O R T

Prepared for:

Clark's Home & Garden
537 Hidden Valley Road
Grant's Pass, OR 97527

EX-100
7/10/96
56 FEB -9 PM 2:03

Date: 29-JAN-96
Lab Job Number: 124186
Project ID: 960117-53
Location: Clarks Home & Garden

Reviewed by:

Teresa K Morris

Reviewed by:

[Signature]

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Volatile Organics by GC/MS

Client: Clark's Home & Garden
Project#: 960117-53
Location: Clarks Home & Garden

Analysis Method: EPA 8240
Prep Method: EPA 5030

Field ID: #1
Lab ID: 124186-001
Matrix: Water
Batch#: 25539
Units: ug/L
Diln Fac: 1

Sampled: 01/17/96
Received: 01/19/96
Extracted: 01/25/96
Analyzed: 01/25/96

Analyte	Result	Reporting Limit
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl Chloride	ND	10
Chloroethane	ND	10
Methylene Chloride	ND	20
Acetone	ND	20
Carbon Disulfide	3.1 J	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	5.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
Freon 113	ND	5.0
1,2-Dichloroethane	ND	5.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	5.0
Vinyl Acetate	ND	50
Bromodichloromethane	ND	5.0
1,2-Dichloropropane	ND	5.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	5.0
Benzene	10	5.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	5.0
2-Hexanone	ND	10
4-Methyl-2-Pentanone	ND	10
1,1,2,2-Tetrachloroethane	ND	5.0
Tetrachloroethene	ND	5.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	17	5.0
Styrene	ND	5.0
m,p-Xylenes	15	5.0
o-Xylene	7.3	5.0

Surrogate	%Recovery	Recovery Limits
1,2-Dichloroethane-d4	100	68-126
Toluene-d8	102	87-125
Bromofluorobenzene	109	79-122

J: Estimated Value



Lab #: 124186

BATCH QC REPORT

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EPA 8240 Volatile Organics		
Client: Clark's Home & Garden	Analysis Method: EPA 8240	
Project#: 960117-53	Prep Method: EPA 5030	
Location: Clarks Home & Garden		
METHOD BLANK		
Matrix: Water	Prep Date:	01/25/96
Batch#: 25539	Analysis Date:	01/25/96
Units: ug/L		
Diln Fac: 1		

MB Lab ID: QC13623

Analyte	Result	Reporting Limit
Chloromethane	ND	10
Bromomethane	ND	10
Vinyl Chloride	ND	10
Chloroethane	ND	10
Methylene Chloride	ND	20
Acetone	ND	20
Carbon Disulfide	ND	5.0
Trichlorofluoromethane	ND	5.0
1,1-Dichloroethene	ND	5.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
Freon 113	ND	5.0
1,2-Dichloroethane	ND	5.0
2-Butanone	ND	10
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	5.0
Vinyl Acetate	ND	50
Bromodichloromethane	ND	5.0
1,2-Dichloropropane	ND	5.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	5.0
Benzene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	5.0
2-Hexanone	ND	10
4-Methyl-2-Pentanone	ND	10
1,1,2,2-Tetrachloroethane	ND	5.0
Tetrachloroethene	ND	5.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	5.0
Styrene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Surrogate	%Rec	Recovery Limits
1,2-Dichloroethane-d4	98	68-126
Toluene-d8	97	87-125
Bromofluorobenzene	91	79-122



Lab #: 124186

BATCH QC REPORT

EPA 8240 Volatile Organics

Client: Clark's Home & Garden
 Project#: 960117-53
 Location: Clarks Home & Garden

Analysis Method: EPA 8240
 Prep Method: EPA 5030

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Field ID: ZZZZZZ
 Lab ID: 124190-001
 Matrix: Water
 Batch#: 25539
 Units: ug/L
 Diln Fac: 1

Sample Date: 01/24/96
 Received Date: 01/25/96
 Prep Date: 01/25/96
 Analysis Date: 01/25/96

MS Lab ID: QC13635

Analyte	Spike Added	Sample	MS	%Rec #	Limits
1,1-Dichloroethene	50	<5.000	59.23	118	51-180
Trichloroethene	50	<5.000	54.36	109	73-141
Benzene	50	<5.000	53.2	106	78-142
Toluene	50	<5.000	52.24	104	76-150
Chlorobenzene	50	<5.000	53.39	107	83-129
Surrogate	%Rec	Limits			
1,2-Dichloroethane-d4	98	68-126			
Toluene-d8	100	87-125			
Bromofluorobenzene	94	79-122			

MSD Lab ID: QC13636

Analyte	Spike Added	MSD	%Rec #	Limits	RPD #	Limit
1,1-Dichloroethene	50	60.47	121	51-180	2	<14
Trichloroethene	50	54.64	109	73-141	1	<14
Benzene	50	52.84	106	78-142	1	<11
Toluene	50	53.29	106	76-150	2	<13
Chlorobenzene	50	54.36	109	83-129	2	<13
Surrogate	%Rec	Limits				
1,2-Dichloroethane-d4	99	68-126				
Toluene-d8	99	87-125				
Bromofluorobenzene	93	79-122				

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits



Lab #: 124186

BATCH QC REPORT

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EPA 8240 Volatile Organics

Client: Clark's Home & Garden
Project#: 960117-53
Location: Clarks Home & Garden

Analysis Method: EPA 8240
Prep Method: EPA 5030

LABORATORY CONTROL SAMPLE

Matrix: Water
Batch#: 25539
Units: ug/L
Diln Fac: 1

Prep Date: 01/25/96
Analysis Date: 01/25/96

LCS Lab ID: QC13622

Analyte	Result	Spike Added	%Rec #	Limits
1,1-Dichloroethene	61.05	50	122	51-180
Trichloroethene	54.48	50	109	73-141
Benzene	53.75	50	107	78-142
Toluene	51.99	50	104	76-150
Chlorobenzene	55.53	50	111	83-129
Surrogate	%Rec	Limits		
1,2-Dichloroethane-d4	97	68-126		
Toluene-d8	99	87-125		
Bromofluorobenzene	94	79-122		

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

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LOGIN CHANGE FORM

Reason for change: _____ Client Request: By: _____ Date/Time: 1/24/96 Initials: TK
Login Review Data Review _____

Current Lab ID	Previous Lab ID	Client ID	Matrix	Add/Cancel	Analysis	Due date
124186-1	124133-1	#1	420	Add	8240	