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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 Rd.
Grant's Pass, OR 97527

Date: 31-OCT-95
Lab Job Number: 123071
Project ID: 951009-V-2
Location: 23040 Clawiter Rd.

Reviewed by: _____

Reviewed by: _____

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EMERSON LABORATORIAL
PRODUCTS DIVISION
95 NOV 20 PM 2:15



Volatile Organics by GC/MS

Client: Clark's Home & Garden
 Project#: 951009-V-2
 Location: 23040 Clawiter Rd.

Analysis Method: EPA 8240
 Prep Method: EPA 5030

Field ID: #1
 Lab ID: 123071-001
 Matrix: Water
 Batch#: 23926
 Units: ug/L
 Diln Fac: 1

Sampled: 10/09/95
 Received: 10/10/95
 Extracted: 10/19/95
 Analyzed: 10/19/95

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	6.3	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	8.2	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	8.6	5.0
Styrene	ND	5.0
m,p-Xylenes	4.2 J	5.0
o-Xylene	2.9 J	5.0
Surrogate	%Recovery	Recovery Limits
Toluene-d8	99	87-125
Bromofluorobenzene	99	79-122
1,2-Dichloroethane-d4	95	68-126



Lab #: 123071

BATCH QC REPORT

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EPA 8240 Volatile Organics

Client: Clark's Home & Garden
 Project#: 951009-V-2
 Location: 23040 Clawiter Rd.

Analysis Method: EPA 8240
 Prep Method: EPA 5030

METHOD BLANK

Matrix: Water
 Batch#: 23926
 Units: ug/L
 Diln Fac: 1

Prep Date: 10/19/95
 Analysis Date: 10/19/95

MB Lab ID: QC07014

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
Toluene-d8	98	87-125
Bromofluorobenzene	93	79-122
1,2-Dichloroethane-d4	97	68-126



Lab #: 123071

BATCH QC REPORT

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EPA 8240 Volatile Organics

Client: Clark's Home & Garden
Project#: 951009-V-2
Location: 23040 Clawiter Rd.

Analysis Method: EPA 8240
Prep Method: EPA 5030

LABORATORY CONTROL SAMPLE

Matrix: Water
Batch#: 23926
Units: ug/L
Diln Fac: 1

Prep Date: 10/19/95
Analysis Date: 10/19/95

LCS Lab ID: QC07013

Analyte	Result	Spike Added	%Rec #	Limits
1,1-Dichloroethene	51.75	50	103	51-180
Trichloroethene	40.52	50	81	73-141
Benzene	46.85	50	94	78-142
Toluene	47.8	50	96	76-150
Chlorobenzene	45.53	50	91	83-129
Surrogate	%Rec	Limits		
Toluene-d8	99	87-125		
Bromofluorobenzene	97	79-122		
1,2-Dichloroethane-d4	95	68-126		

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



Lab #: 123071

BATCH QC REPORT

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EPA 8240 Volatile Organics

Client: Clark's Home & Garden
 Project#: 951009-V-2
 Location: 23040 Clawiter Rd.

Analysis Method: EPA 8240
 Prep Method: EPA 5030

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Field ID: ZZZZZZ
 Lab ID: 123055-001
 Matrix: Water
 Batch#: 23926
 Units: ug/L
 Diln Fac: 1

Sample Date: 10/17/95
 Received Date: 10/17/95
 Prep Date: 10/19/95
 Analysis Date: 10/19/95

MS Lab ID: QC07026

Analyte	Spike Added	Sample	MS	%Rec #	Limits
1,1-Dichloroethene	50	<5.000	46.77	94	51-180
Trichloroethene	50	<5.000	37.86	76	73-141
Benzene	50	<5.000	44.94	88	78-142
Toluene	50	<5.000	44.3	89	76-150
Chlorobenzene	50	<5.000	42.82	86	83-129
Surrogate	%Rec	Limits			
Toluene-d8	97	87-125			
Bromofluorobenzene	94	79-122			
1,2-Dichloroethane-d4	95	68-126			

MSD Lab ID: QC07027

Analyte	Spike Added	MSD	%Rec #	Limits	RPD #	Limit
1,1-Dichloroethene	50	48.8	98	51-180	4	<14
Trichloroethene	50	37.57	75	73-141	1	<14
Benzene	50	45.35	88	78-142	1	<11
Toluene	50	50.26	101	76-150	13	<13
Chlorobenzene	50	43.62	87	83-129	2	<13
Surrogate	%Rec	Limits				
Toluene-d8	109	87-125				
Bromofluorobenzene	103	79-122				
1,2-Dichloroethane-d4	98	68-126				

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