EPA Laboratory Management System
(51) VOA - PP Scan (GCMS)

Sample: 91130152Y
Method: EP2-624 GC/MS Purge and Trap Scan
Project: HWD-127A RIDGEFIELD BRICK AND TILE
Station: _____ Source:(23) Well (Test/Observati

Matrix:(10) Water-Total
Officer: Bailey, Marsha
Account: AGDD3A
Field Prep:(__) Unknown

Collected: 91/ 03/ 27
Received: 91/ 03/ 29
Comments: spiked w/ 20ng most cpds

Extracted: 91/04/11 Extractor: _____ Weight/Volume Extracted: _____
Analyzed: 91/04/11 10:58 Analyst: SVP Percent Solids: _____
Reviewed: 91/07/02 By: SVP Final Review: 7/11/91 By: JMB

IBM Report: __/__/__ By: _____

Sample Volume (ml): 10
Volume Water Aliquated (ml): —
Dilution Factor: —
Tape Identification: 9-1991-5100E1
Tape File Number: 23

Standard Run: AVW1101
Std. Stock Solution #: —
Background Run: ABW1101
Calibration Run: ABF1101
Extraction Solvent: —

Initial Vol. Extraction Solv.(ml): —
Volume Extract Aliquated (ul): —
Total Volume Purged (ml): ~~8~~ 10

Dilution Factor: —

Purge Temp. (deg. C): Ambient-H2O
Purge Flow (ml/min): 40
Purge Time (min): 11

Desorb Temp.(deg. C): 220
Desorb Flow (ml/min): 12
Desorb Time (min): 4

Cryo Trap Temp. (deg. C): -150
Cryo Trap Time (min): 4

Instrument: Finnigan
Carrier Gas: Helium
Gas Flow Rate (ml/min): 2
Run Time (min): 20

Column Coating , Film Thickness: DB-624, 1.8 u
Column Inside Diameter (mm): 0.32
Column Length (M): 30
Column Tubing Material: Fused Silica

Start Mass (AMU): 35
AMU/sec: 240
Stop Mass (AMU): 300

USEPA RCRA
3057911

Temperature 1,2 (deg. C): 10 , 102
Time 1,2 (min): 2 , 11.5
Ramp Rate 1,2 (deg. C/min): Hold , 8
Temperature 3,4 (deg. C): 120 , 180
Time 3,4 (min): 1 , 5.3
Ramp Rate 3,4 (deg. C/min): 60 , Hold

Injection Port Temp. (deg. C): 200
GC/MS Ionization Mode: E I
Data Acquisition Mode: Acquire
Mass Analyzer (deg. C): 100
Beam Energy (EV): 70
Vacuum (Torr): 0.00001 (10^-5)

(End of Form) 1-APR-91 11:06 91130152

Sample Number
A91130152Y

ORGANICS ANALYSIS DATA SHEET
(Page 1)

Laboratory Name: MANCHESTER LAB
Case No: HWD-127A/1011
Lab Sample ID No:
QC Report No:
Sample Matrix: WATER
Contract No: AGDD3A
Data Release Authorized By:
Date Sample Received: 03/27/91

VOLATILE COMPOUNDS

Concentration: LOW
Date Extracted/Prepared:
Date Analyzed: 04/11/91
Conc Factor: 5.000000 pH
Percent Moisture: (Not Decanted)

CAS Number		%
74-87-3	Chloromethane	~~74~~ 65
75-71-8	Dichlorodifluoromethane	58
74-83-9	Bromomethane	~~76~~ 69
75-01-4	Vinyl Chloride	68
75-00-3	Chloroethane	~~74~~ 70
75-69-4	Trichlorofluoromethane	67
75-09-2	Methylene Chloride	96
67-64-1	Acetone	150
75-15-0	Carbon Disulfide	~~78~~ 68
75-35-4	1,1-Dichloroethene	75
75-34-3	1,1-Dichloroethane	88
156-60-5	Trans-1,2-Dichloroethene	80
156-59-2	Cis-1,2-Dichloroethene	84
590-20-7	2,2-Dichloropropane	86
74-97-5	Bromochloromethane	86
67-66-3	Chloroform	89
107-06-2	1,2-Dichloroethane	~~88~~ 48
78-93-3	2-Butanone	~~120~~ 83
71-55-6	1,1,1-Trichloroethane	88
56-23-5	Carbon Tetrachloride	84
563-58-6	1,1-Dichloropropene	81
75-27-4	Bromodichloromethane	86
78-87-5	1,2-Dichloropropane	84
74-95-3	Dibromomethane	90
10061-02-6	Trans-1,3-Dichloropropene	78
79-01-6	Trichloroethene	88
124-48-1	Dibromochloromethane	83
106-93-4	1,2-Dibromoethane	88
79-00-5	1,1,2-Trichloroethane	87
142-28-9	1,3-Dichloropropane	85
71-43-2	Benzene	84
10061-01-5	cis-1,3-Dichloropropene	79
75-25-2	Bromoform	90
591-78-6	2-Hexanone	90
108-10-1	4-Methyl-2-Pentanone	98

CAS Number		%
127-18-4	Tetrachloroethene	88
79-34-5	1,1,2,2-Tetrachloroethane	88
630-20-6	1,1,1,2-Tetrachloroethane	89
108-88-3	Toluene	~~88~~ 81
108-90-7	Chlorobenzene	86
100-41-4	Ethylbenzene	80
100-42-5	Styrene	80
108-86-1	Bromobenzene	86
96-18-4	1,2,3-Trichloropropane	80
95-49-8	2-Chlorotoluene	87
106-43-4	4-Chlorotoluene	88
1330-20-7	Total Xylenes	~~47~~ 80
95-63-6	1,2,4-Trimethylbenzene	84
98-06-6	Tert-Butylbenzene	81
108-67-8	1,3,5-Trimethylbenzene	81
135-98-8	Sec-Butylbenzene	78
99-87-6	p-Isopropyltoluene	81
104-51-8	Butylbenzene	83
96-12-8	1,2-Dibromo-3-chloropropane	99
87-61-6	1,2,3-Trichlorobenzene	~~110~~ 112
98-82-8	Isopropylbenzene	80
103-65-1	Propylbenzene	82
	~~Total Xylenes~~	~~160~~
541-73-1	1,3-Dichlorobenzene	90
106-46-7	1,4-Dichlorobenzene	92
95-50-1	1,2-Dichlorobenzene	87
120-82-1	1,2,4-Trichlorobenzene	~~110~~ 106
91-20-3	Naphthalene	~~120~~ 125
87-68-3	Hexachlorobutadiene	90
		%
-762492	1-Bromo-2-Fluoroethane (SS)	107
2747-58-2	Toluene (d8). . . . . (SS)	98
-460-00-4	p-Bromofluorobenzene. (SS)	99
17070-07-0	1,2-Dichloroethane-d4 (SS)	101
~~2199-69-1~~	~~1,2-Dichlorobenzene (SS~~	NAF

4/11/91 10:58:12 SCAN 1 OF 1900
Acquisition started

Acquire Run 3:A130152Y Acquiring
04/11/91 10:58:00 + 0:02 Free sectors: 9506 Scan: 3 of 1900
Sample: A130152Y,20NG+10ML+IS+SS,MS,RIDGEFIELD BRICK & TILE,HWD-127A/AGDD
Conds.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
Formula: - Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: SVP Acct. No: AVW1101

*** GC descriptor: V1 ***

GC temperature: 4 DegC Injector: 200 DegC
Elapsed time : 0: 3 min Interface: 180 DegC

Seq. #	Temp (DegC)	Rate (C/min)	Time (minutes) period	total
1	10- 10	-	2.0	2.0
2	10-102	8.0	11.5	13.5
3	102-180	60.0	1.2	14.7
4	180-180	-	5.8	20.5

Valve times (minutes)

	Open	Close
Sweep/Split	20.5	0.0
Divert	20.5	0.0

*** Scan Parameters ***

MODE: EI (+) Centroid + Temp - Sequence: V1 (2 time windows.)

Reviewed 7-2-91, SVP

Window # 1
Number of cycles: 270
Filament is ON
Multiplier is uncontrolled
Multiplier is OFF

MID scan Desc: V1 Mass intervals: 1 Positive ion mode.
Scan time: 0.600 s Samp. int.: 0.200 ms Master rate: 64

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	49.515	105.531	0.465	2	80	2	1	0

Window # 2
Number of cycles: 1980
Filament is ON
Multiplier is uncontrolled
Multiplier is ON and set to -0. volts

MID scan Desc: V2 Mass intervals: 1 Positive ion mode.
Scan time: 0.600 s Samp. int.: 0.200 ms Master rate: 64

Int #	Lo mass	Hi mass	Time	MPW	MFW	MA	TH	BL
1	34.510	300.590	0.553	2	80	10	1	0

Interface number	0	
Sub-interface number	0	
# of acqu buffers	24	
Instrument type	Q	
Full scale mass	812	u
Zero scale mass	1	u
Intensity/ion	2	
Peak width	1000.	mmu
Offset at low mass	0	mmu
Offset at high mass	0	mmu
Voltage settling time(ms)	4	

Final Review 7/11/91 JMB

Current instrument parameters.

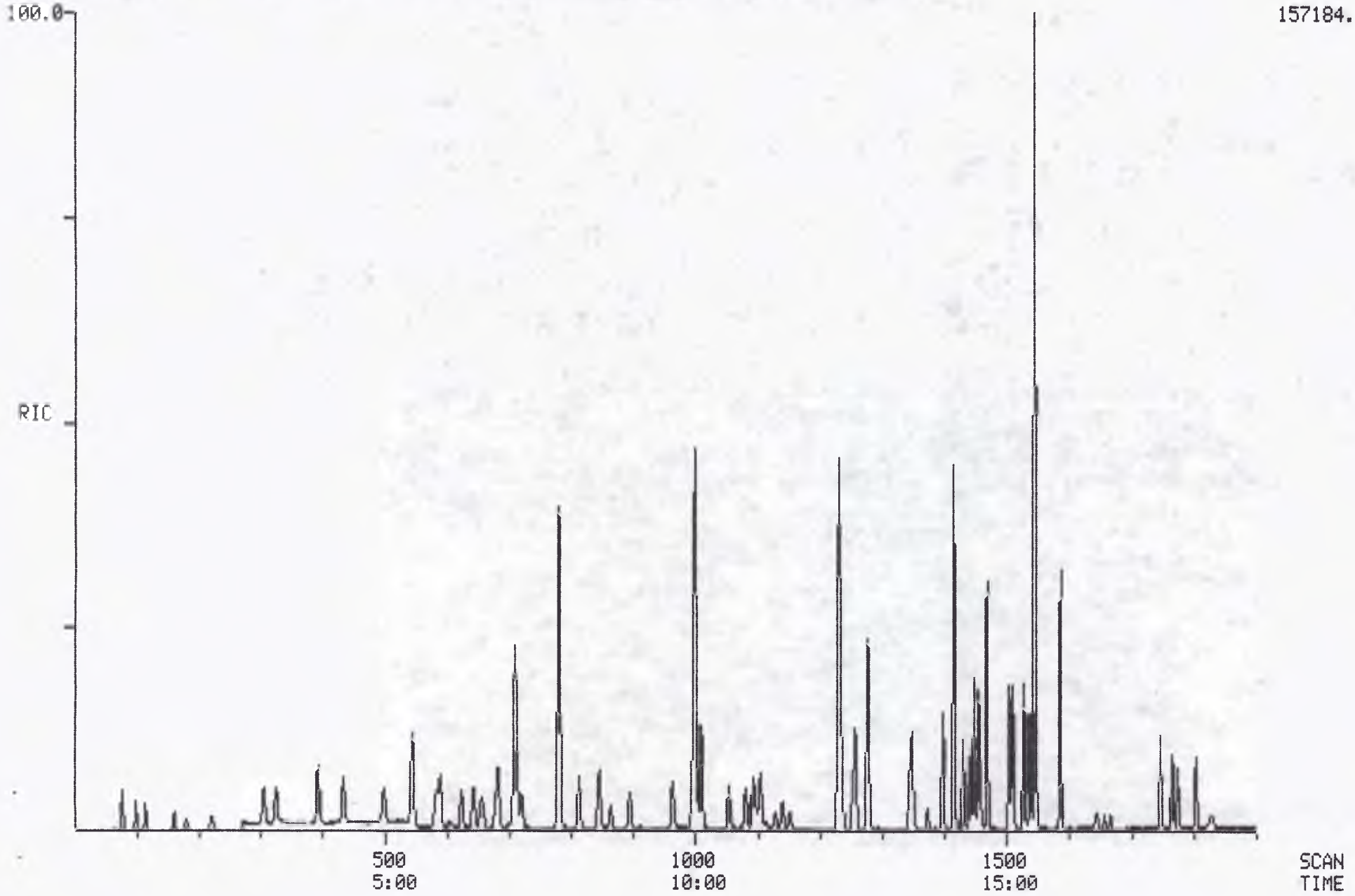
	Positive ion mode	Negative ion mode
Resolution (high)	127.00	128.00
Resolution (low)	128.00	128.00
Ion energy	4.00	-4.00
Ion programming	6.51	-4.00
Lens voltage	-40.00	50.20
Extractor voltage	0.00	not used

Electron multiplier voltage: -1459.
Electrometer Range: 10 ^-7
Electrometer zero: -0.3

4/11/91 11:17:14
Acquisition completed
Scans 1 to 1900 centroid

Mode	Scans	Secs	out of	%	Peaks per scan	per	second
Centroid	1900	19.2	1140.0	1.7	36701.	19.	32.

MIDRIC DATA: A130152Y #1 SCANS 1 TO 1900
04/11/91 10:58:00 CALI: A130152Y #4
SAMPLE: A130152Y 20NG+10ML+IS+SS,MS,RIDGEFIELD BRICK & TILE,HWD-127A/AGDD
CONDS.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
RANGE: G 1,1900 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3



Quantitation Report File: A130152Y

Data: A130152Y.MI
04/11/91 10:58:00
Sample: A130152Y 20NG+10ML+IS+SS,MS,RIDGEFIELD BRICK & TILE,HWD-127A/AGDD
Conds.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
Formula: - Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: SVP Acct. No.: AVW1101

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
1	CI10 1,4-DIFLUOROBENZENE (INTERNAL STANDARD)
2	CI20 CHLOROBENZENE-D5 (INTERNAL STANDARD)
3	CI30 1,4-DICHLOROBENZENE-D4 (INTERNAL STANDARD)
4	CS02 1-BROMO-2-FLUOROETHANE (SURROGATE STANDARD)
5	CS15 1,2-DICHLOROETHANE-D4 (SURROGATE SPIKE)
6	CS05 TOLUENE-D8 (SURROGATE SPIKE)
7	CS10 4-BROMOFLUOROBENZENE (SURROGATE SPIKE)
8	C011 DICHLORODIFLUOROMETHANE
9	C010 CHLOROMETHANE
10	C020 VINYL CHLORIDE
11	C015 BROMOMETHANE
12	C025 CHLOROETHANE
13	C026 TRICHLOROFLUOROMETHANE
14	C045 1,1-DICHLOROETHENE
15	C035 ACETONE
16	C030 METHYLENE CHLORIDE
17	C040 CARBON DISULFIDE
18	C055 TRANS-1,2-DICHLOROETHENE (E-)
19	C050 1,1-DICHLOROETHANE
20	C057 2,2-DICHLOROPROPANE
21	C056 CIS-1,2-DICHLOROETHENE (Z-)
22	C058 BROMOCHLOROMETHANE
23	C060 CHLOROFORM
24	C065 1,2-DICHLOROETHANE
25	C110 2-BUTANONE
26	C115 1,1,1-TRICHLOROETHANE
27	C120 CARBON TETRACHLORIDE
28	C121 1,1-DICHLOROPROPENE
29	C165 BENZENE
30	C150 TRICHLOROETHENE
31	C140 1,2-DICHLOROPROPANE
32	C141 DIBROMOMETHANE
33	C130 BROMODICHLOROMETHANE
34	C170 CIS-1,3-DICHLOROPROPENE
35	C145 TRANS-1,3-DICHLOROPROPENE
36	C215 4-METHYL-2-PENTANONE
37	C230 TOLUENE
38	C160 1,1,2-TRICHLOROETHANE
39	C220 TETRACHLOROETHENE
40	C161 1,3-DICHLOROPROPANE
41	C210 2-HEXANONE
42	C155 DIBROMOCHLOROMETHANE
43	C225 1,1,2,2-TETRACHLOROETHANE
44	C235 CHLOROBENZENE
45	C226 1,1,1,2-TETRACHLOROETHANE
46	C240 ETHYLBENZENE
47	C261 TOTAL XYLENES (META & PARA)

No	Name
48	C250 TOTAL XYLENES (ORTHO)
49	C245 STYRENE (ETHENYLBENZENE)
50	C156 1,2-DIBROMOETHANE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount		%Tot
1	114	781	7:49	1	1.000	A BB	104218.	100.000	NG	5.48
2	117	1231	12:19	2	1.000	A BB	80141.	100.000	NG	5.48
3	152	1546	15:28	3	1.000	A BB	46436.	100.000	NG	5.48
4	126	545	5:27	1	0.698	A BB	12747.	106.982	NG	5.86
5	65	710	7:06	1	0.909	A BV	42244.	101.292	NG	5.55
6	98	999	9:59	2	0.812	A BV	117711.	97.610	NG	5.34
7	95	1417	14:10	2	1.151	A BB	56132.	99.207	NG	5.43
8	85	78	0:47	1	0.100	M XX	15425.	11.523	NG	0.63
9	50	99	0:59	1	0.127	M XX	11655.	14.947	NG	0.82
10	62	115	1:09	1	0.147	M XX	9905.	13.581	NG	0.74
11	94	161	1:37	1	0.206	M XX	4617.	15.172	NG	0.83
12	64	180	1:48	1	0.230	M XX	5939.	14.798	NG	0.81
13	101	222	2:13	1	0.284	M XX	7747.	13.445	NG	0.74
14	96	306	3:04	1	0.392	M XX	6699.	15.026	NG	0.82
15	43	333	3:20	1	0.426	M XX	5476.	29.937	NG	1.64
16	84	393	3:56	1	0.503	A BB	10912.	19.301	NG	1.06
17	76	325	3:15	1	0.416	M XX	24324.	15.748	NG	0.86
18	96	434	4:20	1	0.556	A BB	7739.	16.073	NG	0.88
19	63	499	4:59	1	0.639	A BB	19238.	17.729	NG	0.97
20	77	584	5:50	1	0.748	A BB	10613.	17.143	NG	0.94
21	96	589	5:53	1	0.754	A BB	8847.	16.799	NG	0.92
22	128	623	6:14	1	0.798	A BB	3453.	17.203	NG	0.94
23	83	643	6:26	1	0.823	A BB	16551.	17.845	NG	0.98
24	62	721	7:13	1	0.923	A BB	12118.	17.455	NG	0.96
25	43	604	6:02	1	0.773	M XX	6250.	24.953	NG	1.37
26	97	658	6:35	2	0.535	A BB	9910.	17.498	NG	0.96
27	117	679	6:47	2	0.552	A BB	7973.	16.732	NG	0.92
28	75	683	6:50	2	0.555	A BB	11528.	16.243	NG	0.89
29	78	712	7:07	2	0.578	A BB	35135.	16.711	NG	0.92
30	130	813	8:08	2	0.660	A BB	6914.	17.625	NG	0.97
31	63	846	8:28	2	0.687	A BB	11410.	16.940	NG	0.93
32	93	865	8:39	2	0.703	A BB	5480.	17.867	NG	0.98
33	83	895	8:57	2	0.727	A BB	12234.	17.123	NG	0.94
34	75	964	9:38	2	0.783	A BB	12646.	15.753	NG	0.86
35	75	1055	10:33	2	0.857	A BB	10133.	15.716	NG	0.86
36	43	995	9:57	2	0.808	A BB	10336.	19.611	NG	1.07
37	91	1010	10:06	2	0.820	A BB	34903.	17.747	NG	0.97
38	97	1081	10:49	2	0.878	A BB	5932.	17.386	NG	0.95
39	164	1094	10:56	2	0.889	A BB	5254.	17.650	NG	0.97
40	76	1106	11:04	2	0.898	A BB	13570.	17.048	NG	0.93
41	43	1129	11:17	2	0.917	A BB	6240.	17.969	NG	0.98
42	129	1141	11:25	2	0.927	A BB	6426.	16.621	NG	0.91
43	83	1442	14:25	2	1.171	A BB	9828.	17.616	NG	0.96
44	112	1236	12:22	2	1.004	A BB	17286.	17.184	NG	0.94
45	131	1254	12:32	2	1.019	A BB	6302.	17.813	NG	0.98
46	91	1258	12:35	2	1.022	A BB	34534.	16.071	NG	0.88
47	106	1279	12:47	2	1.039	A BB	22234.	32.287	NG	1.77
48	106	1345	13:27	2	1.093	A BB	5621.	9.435	NG	0.52
49	104	1349	13:29	2	1.096	A BB	16893.	15.982	NG	0.88
50	107	1153	11:32	2	0.937	A BB	5912.	17.456	NG	0.96

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	7:49	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00
2	12:19	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00
3	15:29	1.00	1.000	1.00	100.00	100.00	1.000	1.000	1.00
4	5:28	1.00	0.699	1.00	106.98	100.00	0.122	0.114	1.07
5	7:06	1.00	0.909	1.00	101.29	100.00	0.405	0.400	1.01
6	10:00	1.00	0.812	1.00	97.61	100.00	1.469	1.505	0.98
7	14:10	1.00	1.150	1.00	99.21	100.00	0.700	0.706	0.99
8	0:44	1.05	0.095	1.05	11.52	100.00	0.148	1.284	0.12
9	0:57	1.04	0.122	1.04	14.95	115.00	0.097	0.748	0.13
10	1:07	1.04	0.142	1.04	13.58	100.00	0.095	0.700	0.14
11	1:35	1.02	0.202	1.02	15.17	110.00	0.040	0.292	0.14
12	1:46	1.02	0.225	1.02	14.80	105.00	0.054	0.385	0.14
13	2:11	1.02	0.279	1.02	13.45	100.00	0.074	0.553	0.13
14	3:02	1.01	0.389	1.01	15.03	100.00	0.064	0.428	0.15
15	3:20	1.00	0.426	1.00	29.94	100.00	0.053	0.176	0.30
16	3:56	1.00	0.503	1.00	19.30	100.00	0.105	0.542	0.19
17	3:14	1.01	0.414	1.01	15.75	100.00	0.233	1.482	0.16
18	4:20	1.00	0.556	1.00	16.07	100.00	0.074	0.462	0.16
19	5:00	1.00	0.640	1.00	17.73	100.00	0.185	1.041	0.18
20	5:50	1.00	0.746	1.00	17.14	100.00	0.102	0.594	0.17
21	5:54	1.00	0.755	1.00	16.80	100.00	0.085	0.505	0.17
22	6:14	1.00	0.799	1.00	17.20	100.00	0.033	0.193	0.17
23	6:26	1.00	0.825	1.00	17.85	100.00	0.159	0.890	0.18
24	7:13	1.00	0.923	1.00	17.46	100.00	0.116	0.666	0.17
25	6:03	1.00	0.775	1.00	24.95	100.00	0.060	0.240	0.25
26	6:34	1.00	0.533	1.00	17.50	100.00	0.124	0.707	0.17
27	6:48	1.00	0.552	1.00	16.73	100.00	0.099	0.595	0.17
28	6:50	1.00	0.554	1.00	16.24	100.00	0.144	0.886	0.16
29	7:07	1.00	0.578	1.00	16.71	100.00	0.438	2.624	0.17
30	8:08	1.00	0.660	1.00	17.62	100.00	0.086	0.490	0.18
31	8:28	1.00	0.687	1.00	16.94	100.00	0.142	0.840	0.17
32	8:39	1.00	0.702	1.00	17.87	100.00	0.068	0.383	0.18
33	8:58	1.00	0.727	1.00	17.12	100.00	0.153	0.892	0.17
34	9:38	1.00	0.782	1.00	15.75	100.00	0.158	1.002	0.16
35	10:33	1.00	0.856	1.00	15.72	100.00	0.126	0.805	0.16
36	9:57	1.00	0.808	1.00	19.61	100.00	0.129	0.658	0.20
37	10:06	1.00	0.820	1.00	17.75	100.00	0.436	2.454	0.18
38	10:49	1.00	0.878	1.00	17.39	100.00	0.074	0.426	0.17
39	10:56	1.00	0.888	1.00	17.65	100.00	0.066	0.371	0.18
40	11:04	1.00	0.898	1.00	17.05	100.00	0.169	0.993	0.17
41	11:17	1.00	0.916	1.00	17.97	100.00	0.078	0.433	0.18
42	11:25	1.00	0.926	1.00	16.62	100.00	0.080	0.482	0.17
43	14:25	1.00	1.170	1.00	17.62	100.00	0.123	0.696	0.18
44	12:22	1.00	1.003	1.00	17.18	100.00	0.216	1.255	0.17
45	12:32	1.00	1.018	1.00	17.81	100.00	0.079	0.441	0.18
46	12:35	1.00	1.022	1.00	16.07	100.00	0.431	2.681	0.16
47	12:48	1.00	1.039	1.00	32.29	200.00	0.139	0.859	0.16
48	13:28	1.00	1.093	1.00	9.43	60.00	0.117	0.743	0.16
49	13:29	1.00	1.095	1.00	15.98	100.00	0.211	1.319	0.16
50	11:32	1.00	0.936	1.00	17.46	100.00	0.074	0.423	0.17

Quantitation Report File: A130152Y

Data: A130152Y.MI
04/11/91 10:58:00
Sample: A130152Y,20NG+10ML+IS+SS,MS,RIDGEFIELD BRICK & TILE,HWD-127A/AGDD
Conds.: DB-624,30M,0.32MM, 1.8U, 10CC/2MIN,10-102/8C, 102-180/60C & HOLD
Formula: - Instrument: 5100 Weight: 0.000
Submitted by: RGX-WDOE Analyst: SVP Acct. No.: AVW1101

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
51	C180 BROMOFORM
52	C259 ISOPROPYLBENZENE
53	C246 BROMOBENZENE
54	C247 1,2,3-TRICHLOROPROPANE
55	C260 PROPYLBENZENE
56	C248 2-CHLOROTOLUENE
57	C249 4-CHLOROTOLUENE
58	C253 1,3,5-TRIMETHYLBENZENE
59	C252 TERT-BUTYLBENZENE
60	C251 1,2,4-TRIMETHYLBENZENE
61	C254 SEC-BUTYLBENZENE
62	C336 1,3-DICHLOROBENZENE
63	C255 P-ISOPROPYLTOLUENE
64	C341 1,4-DICHLOROBENZENE
65	C351 1,2-DICHLOROBENZENE
66	C256 BUTYLBENZENE
67	C257 1,2-DIBROMO-3-CHLOROPROPANE
68	C446 1,2,4-TRICHLOROBENZENE
69	C461 HEXACHLOROBUTADIENE
70	C451 NAPHTHALENE
71	C258 1,2,3-TRICHLOROBENZENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	173	1373	13:44	3	0.888	A BB	3640.	18.027 NG	0.99
52	105	1398	13:59	3	0.904	A BB	28931.	16.053 NG	0.88
53	156	1431	14:19	3	0.926	A BB	6537.	17.220 NG	0.94
54	75	1443	14:26	3	0.933	A BB	6794.	16.028 NG	0.88
55	120	1449	14:29	3	0.937	A BB	7487.	16.512 NG	0.90
56	126	1456	14:34	3	0.942	A BB	6714.	17.444 NG	0.96
57	126	1469	14:41	3	0.950	A BB	7004.	17.524 NG	0.96
58	105	1470	14:42	3	0.951	A BB	26368.	16.233 NG	0.89
59	119	1505	15:03	3	0.973	A BV	21158.	16.226 NG	0.89
60	105	1511	15:07	3	0.977	A BB	25893.	16.707 NG	0.91
61	105	1529	15:17	3	0.989	A BB	32934.	15.521 NG	0.85
62	146	1538	15:23	3	0.995	A BV	13359.	17.902 NG	0.98
63	119	1545	15:27	3	0.999	A BB	26480.	16.230 NG	0.89
64	146	1548	15:29	3	1.001	A VB	14446.	18.270 NG	1.00
65	146	1586	15:52	3	1.026	A BB	12433.	17.361 NG	0.95
66	91	1587	15:52	3	1.027	A BB	34270.	16.608 NG	0.91
67	75	1667	16:40	3	1.078	A BB	1540.	19.823 NG	1.09
68	180	1748	17:29	3	1.131	A BB	9036.	21.114 NG	1.16
69	225	1767	17:40	3	1.143	A BB	4804.	18.073 NG	0.99
70	128	1775	17:45	3	1.148	A BB	15414.	25.045 NG	1.37
71	180	1804	18:02	3	1.167	A BB	7736.	22.461 NG	1.23

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
51	13:44	1.00	0.887	1.00	18.03	100.00	0.078	0.435	0.18
52	13:59	1.00	0.904	1.00	16.05	100.00	0.623	3.881	0.16
53	14:19	1.00	0.925	1.00	17.22	100.00	0.141	0.817	0.17
54	14:26	1.00	0.932	1.00	16.03	100.00	0.146	0.913	0.16
55	14:29	1.00	0.936	1.00	16.51	100.00	0.161	0.976	0.17
56	14:34	1.00	0.941	1.00	17.44	100.00	0.145	0.829	0.17
57	14:42	1.00	0.950	1.00	17.52	100.00	0.151	0.861	0.18
58	14:43	1.00	0.950	1.00	16.23	100.00	0.568	3.498	0.16
59	15:04	1.00	0.973	1.00	16.23	100.00	0.456	2.808	0.16
60	15:07	1.00	0.977	1.00	16.71	100.00	0.558	3.338	0.17
61	15:18	1.00	0.988	1.00	15.52	100.00	0.709	4.569	0.16
62	15:24	1.00	0.995	1.00	17.90	100.00	0.288	1.607	0.18
63	15:28	1.00	0.999	1.00	16.23	100.00	0.570	3.514	0.16
64	15:30	1.00	1.001	1.00	18.27	100.00	0.311	1.703	0.18
65	15:53	1.00	1.026	1.00	17.36	100.00	0.268	1.542	0.17
66	15:53	1.00	1.026	1.00	16.61	100.00	0.738	4.444	0.17
67	16:42	1.00	1.079	1.00	19.82	100.00	0.033	0.167	0.20
68	17:32	1.00	1.132	1.00	21.11	100.00	0.195	0.922	0.21
69	17:43	1.00	1.145	1.00	18.07	100.00	0.103	0.572	0.18
70	17:48	1.00	1.150	1.00	25.05	100.00	0.332	1.325	0.25
71	18:05	1.00	1.169	1.00	22.46	100.00	0.167	0.742	0.22

PROCEDURE: TCA DIAGNOSTIC REPORT 7/02/91 14:38:16
DATA FILE: A130152Y
REFERENCE: VOZ11
NAME LIST: KZ INITIALIZATION OPTION: 2 PROCESSING OPTION: 3
REPORT: XZ1

< ---- STANDARDS ----- ><				--- PLUS UNKNOWNS --- ><				- LIST NAMES - >
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN
1	1	1	0	8	4	1	429	XZ1/ZZ1
1	1	1	0	8	2	1	0	XZ1/ZZ2
1	1	1	0	7	7	1	97	XZ1/ZZ3
1	1	1	0	8	7	1	82	XZ2/ZZ4
1	1	1	0	8	7	1	78	XZ2/ZZ5
1	1	1	0	8	7	1	65	XZ2/ZZ6
1	1	1	0	7	7	1	53	XZ2/ZZ7
1	1	1	0	8	7	1	36	XZ3/ZZ8
1	1	1	0	8	6	4	44	XZ3/ZZ9
1	1	1	0	8	6	1	38	XZ3/ZZ10

71 COMPOUNDS PROCESSED, 53 FOUND

< COMPOUND ><			---------- SEARCH ---------- >< SAT >< ------ CHRO ------- >										
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	VZ	1	-788	781	781	.	1	989	.	114	781	.	1
2	VZ	4	-558	550	545	-5	1	994	.	126	545	.	1
3	VZ	5	-718	709	710	1	1	967	.	65	710	.	1
4	VZ	8	-106	101	.	.	.	.	.	85	.	.	.
5	VZ	9	-128	123	125	2	1	1000	.	50	126	1	1
6	VZ	10	-144	139	.	.	.	.	.	62	.	.	.
7	VZ	11	-190	185	.	.	.	.	.	94	.	.	.
8	VZ	12	-209	204	.	.	.	.	.	64	.	.	.
9	VZ	13	-249	226	.	.	.	.	.	101	.	.	.
10	VZ	14	-329	309	.	.	.	.	.	96	.	.	.
11	VZ	15	-356	336	.	.	.	.	.	43	.	.	.
12	VZ	16	-412	394	.	.	.	.	.	84	393	.	1
13	VZ	17	-348	328	.	.	.	.	.	76	.	.	.
14	VZ	18	-451	434	.	.	.	.	.	96	434	.	1
15	VZ	19	-514	499	499	.	1	966	.	63	499	.	1
16	VZ	20	-596	585	584	-1	1	914	.	77	584	.	1
17	VZ	21	-601	590	590	.	1	980	.	96	589	-1	1
18	VZ	22	-634	624	623	-1	1	979	.	128	623	.	1
19	VZ	23	-653	643	643	.	1	967	.	83	643	.	1
20	VZ	24	-730	722	721	-1	1	978	.	62	721	.	1
21	VZ	26	-614	603	605	2	1	996	.	43	604	-1	1
22	VZ	2	-1235	1232	1232	.	1	974	.	117	1231	-1	1
23	VZ	6	-1004	999	1000	1	1	979	.	98	999	-1	1
24	VZ	7	-1419	1418	1417	-1	1	977	.	95	1417	.	1
25	VZ	27	-666	657	657	.	1	966	.	97	658	1	1
26	VZ	28	-689	680	680	.	1	982	.	117	679	-1	1
27	VZ	29	-692	683	.	.	.	.	.	75	683	.	1
28	VZ	30	-721	713	712	-1	1	934	.	78	712	.	1
29	VZ	31	-820	813	813	.	1	986	.	130	813	.	1
30	VZ	32	-852	846	846	.	1	974	.	63	846	.	1
31	VZ	33	-871	865	864	-1	1	953	.	93	865	1	1
32	VZ	34	-900	895	895	.	1	978	.	83	895	.	1
33	VZ	35	-968	963	964	1	1	972	.	75	964	.	1
34	VZ	36	-1059	1055	1055	.	1	960	.	75	1055	.	1
35	VZ	37	-998	993	.	.	.	.	.	43	995	.	1
36	VZ	38	-1014	1010	1010	.	1	987	.	91	1010	.	1
37	VZ	39	-1086	1082	1081	-1	1	975	.	97	1081	.	1
38	VZ	40	-1098	1094	1094	.	1	984	.	164	1094	.	1
39	VZ	41	-1109	1105	.	.	.	.	.	76	1106	.	1
40	VZ	42	-1132	1128	1129	1	1	963	.	43	1129	.	1
41	VZ	43	-1145	1141	1141	.	1	983	.	129	1141	.	1

43	VZ	45	-1240	1237	1236	-1	1	964	.	112	1236	.	1
44	VZ	46	-1257	1254	1254	.	1	943	.	131	1254	.	1
45	VZ	47	-1262	1259	1258	-1	1	981	.	91	1258	.	1
46	VZ	48	-1282	1279	1279	.	1	979	.	106	1279	.	1
47	VZ	49	-1348	1345	1346	1	1	953	.	106	1345	-1	1
48	VZ	50	-1352	1349	1349	.	1	964	.	104	1349	.	1
49	VZ	51	-1157	1153	1153	.	1	977	.	107	1153	.	1
50	VZ	3	-1548	1546	1546	.	1	964	.	152	1546	.	1
51	VZ	52	-1376	1373	1373	.	1	988	.	173	1373	.	1
52	VZ	53	-1401	1398	1398	.	1	946	.	105	1398	.	1
53	VZ	54	-1433	1431	1431	.	1	993	.	156	1431	.	1
54	VZ	55	-1445	1443	.	.	.	.	.	75	1443	.	1
55	VZ	56	-1451	1449	1449	.	1	937	.	120	1449	.	1
56	VZ	57	-1458	1456	1456	.	1	988	.	126	1456	.	1
57	VZ	58	-1471	1469	1469	.	1	980	.	126	1469	.	1
58	VZ	59	-1472	1470	.	.	.	.	.	105	1470	.	1
59	VZ	60	-1507	1505	1505	.	1	989	.	119	1505	.	1
60	VZ	61	-1513	1511	1511	.	1	975	.	105	1511	.	1
61	VZ	62	-1531	1529	1529	.	1	931	.	105	1529	.	1
62	VZ	63	-1541	1539	1538	-1	2	966	.	146	1538	.	1
63	VZ	64	-1547	1545	.	.	.	.	.	119	1545	.	1
64	VZ	65	-1550	1548	1548	.	2	970	.	146	1548	.	1
65	VZ	66	-1588	1586	1586	.	1	971	.	146	1586	.	1
66	VZ	67	-1589	1587	1587	.	1	944	.	91	1587	.	1
67	VZ	68	-1669	1667	.	.	.	.	.	75	1667	.	1
68	VZ	69	-1750	1747	.	.	.	.	.	180	1748	.	1
69	VZ	70	-1769	1766	1767	1	1	977	.	225	1767	.	1
70	VZ	71	-1778	1775	1775	.	1	993	.	128	1775	.	1
71	VZ	72	-1807	1804	1804	.	1	943	.	180	1804	.	1