

User: Baglioni, Walter
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 13:45:19

Sample: AD31671
 Analysis: \$B1524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 12/31/01 13:44 Ended: 1/3/02 13:44 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		3.8
2	Surr - 4-BROMOFLUOROBENZ		3.8
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	ACETONE		< MDL
10	1,1-DICHLOROETHENE		< MDL
11	METHYLENE CHLORIDE		< MDL
12	METHYL TERT BUTYL ETHER		< MDL
13	TRANS-1,2-DICHLOROETHEN		< MDL
14	1,1-DICHLOROETHANE		< MDL
15	2-BUTANONE (MEK)		< MDL
16	2,2-DICHLOROPROPANE		< MDL
17	CIS,1,2-DICHLOROETHENE		< MDL
18	CHLOROFORM		< MDL
19	BROMOCHLOROMETHANE		< MDL
20	1,2-DICHLOROETHANE		< MDL
21	Surr - TOLUENE-D8		5.0
22	1,1,1-TRICHLOROETHANE		< MDL
23	1,1-DICHLOROPROPENE		< MDL
24	CARBON TETRACHLORIDE		< MDL
25	BENZENE		< MDL
26	TRICHLOROETHENE		< MDL
27	1,2-DICHLOROPROPANE		< MDL
28	DIBROMOMETHANE		< MDL
29	BROMODICHLOROMETHANE		< MDL
30	2-CHLOROETHYL VINYL ETHE		< MDL
31	MIBK		< MDL
32	CIS-1,3-DICHLOROPROPENE		< MDL
33	TOLUENE		< MDL
34	TRANS-1,3-DICHLOROPROPE		< MDL
35	1,1,2-TRICHLOROETHANE		< MDL
36	TETRACHLOROETHENE		< MDL
37	1,3-DICHLOROPROPANE		< MDL
38	DIBROMOCHLOROMETHANE		< MDL
39	1,2-DIBROMOETHANE		< MDL
40	CHLOROBENZENE		< MDL
41	1,1,1,2-TETRACHLOROETHA		< MDL
42	2-HEXANONE		< MDL
43	ETHYLBENZENE		< MDL
44	P & M-XYLENE		< MDL
45	O-XYLENE		< MDL
46	STYRENE		< MDL
47	1,1,2,2-TETRACHLOROETHA		< MDL
48	BROMOFORM		< MDL

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Page: 2

	Component Name	Viol	Result
49	ISOPROPYLBENZENE		< MDL
50	1,2,3-TRICHLOROPROPANE		< MDL
51	N-PROPYLBENZENE		< MDL
52	BROMOBENZENE		< MDL
53	1,3,5-TRIMETHYLBENZENE		< MDL
54	2-CHLOROTOLUENE		< MDL
55	4-CHLOROTOLUENE		< MDL
56	TERT-BUTYLBENZENE		< MDL
57	1,2,4-TRIMETHYLBENZENE		< MDL
58	SEC-BUTYLBENZENE		< MDL
59	P-ISOROPYLTOLUENE		< MDL
60	1,3-DICHLOROBENZENE		< MDL
61	1,4-DICHLOROBENZENE		< MDL
62	N-BUTYLBENZENE		< MDL
63	1,2-DICHLOROBENZENE		< MDL
64	1,2-DIBROMO-3-CHLOROPRO		< MDL
65	1,2,4-TRICHLOROBENZENE		< MDL
66	HEXACHLOROBUTADIENE		< MDL
67	NAPHTHALENE		< MDL
68	1,2,3-TRICHLOROBENZENE		< MDL
69	ETHANOL		< MDL
70	NITROBENZENE		< MDL

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC31\1231BL1.D
 Acq On : 31 Dec 2001 8:48 am
 Sample : lb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 2 10:39 2002

Vial: 5
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Dec 31 09:33:20 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.41	114	1611357	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	20.98	117	1452233	5.00	ug/L	0.02
50) 1,4-DICHLOROBENZENE-D4	26.14	152	695689	5.00	ug/L	0.03
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.60	65	407733	3.84	ug/L	0.02
Spiked Amount 5.000			Recovery	=	76.80%	
3) 4-BROMOFLUOROBENZENE	23.55	174	464721	3.76	ug/L	0.02
Spiked Amount 5.000			Recovery	=	75.20%	
23) TOLUENE-D8	17.71	98	1923988	5.00	ug/L	0.03
Spiked Amount 5.000			Recovery	=	100.00%	
Target Compounds						Qvalue
10) ACETONE	7.65	43	19005	1.76	ug/L	99
16) 2-BUTANONE (MEK)	11.36	43	4903	0.26	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 1231BL1.D HP121001.M Wed Jan 02 10:39:27 2002

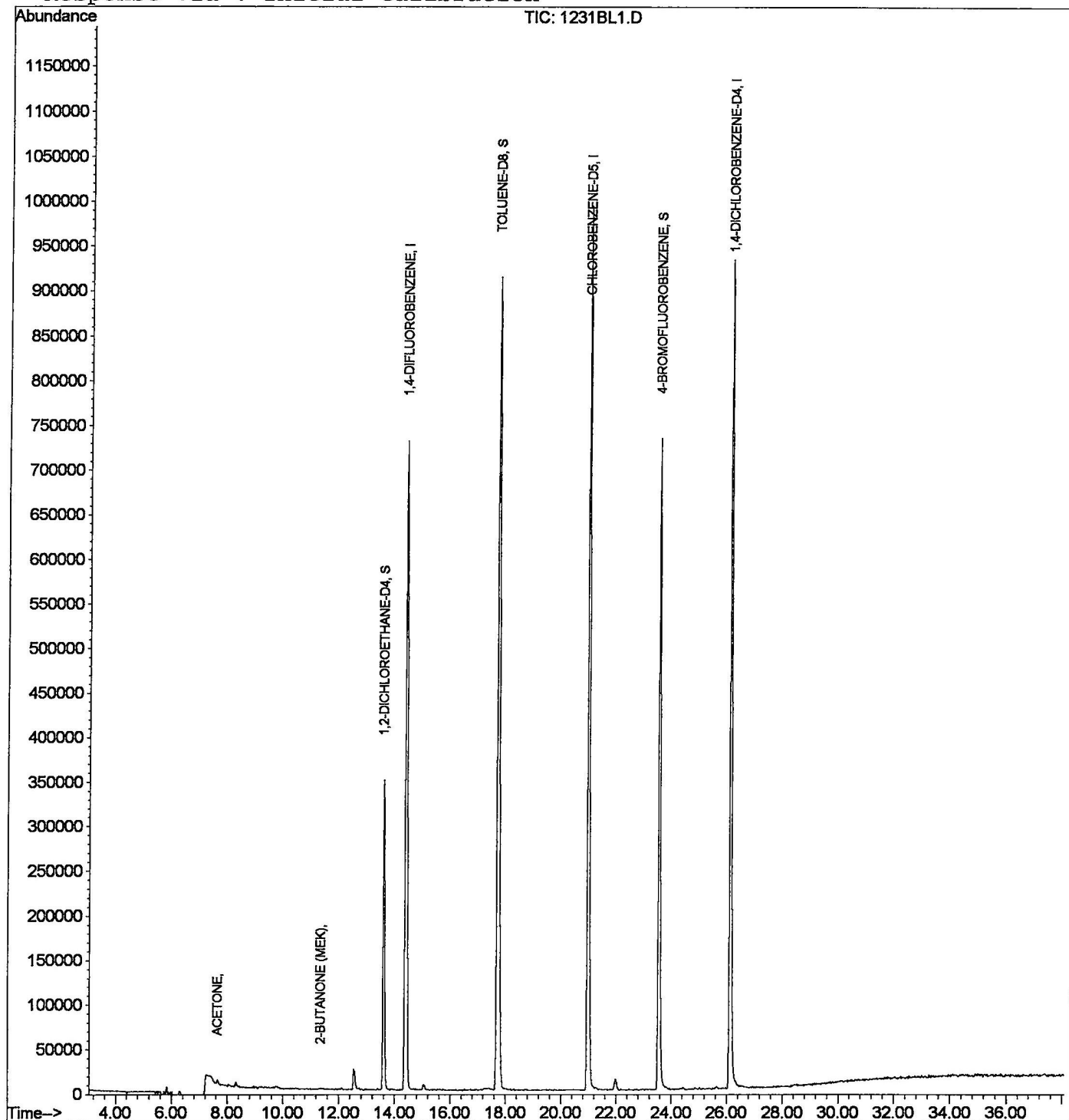
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC31\1231BL1.D
Acq On : 31 Dec 2001 8:48 am
Sample : 1b
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 2 10:39 2002

Vial: 5
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC31\1231BL1.D
Acq On : 31 Dec 2001 8:48 am
Sample : 1b
Misc :
MS Integration Params: LSCINT.P

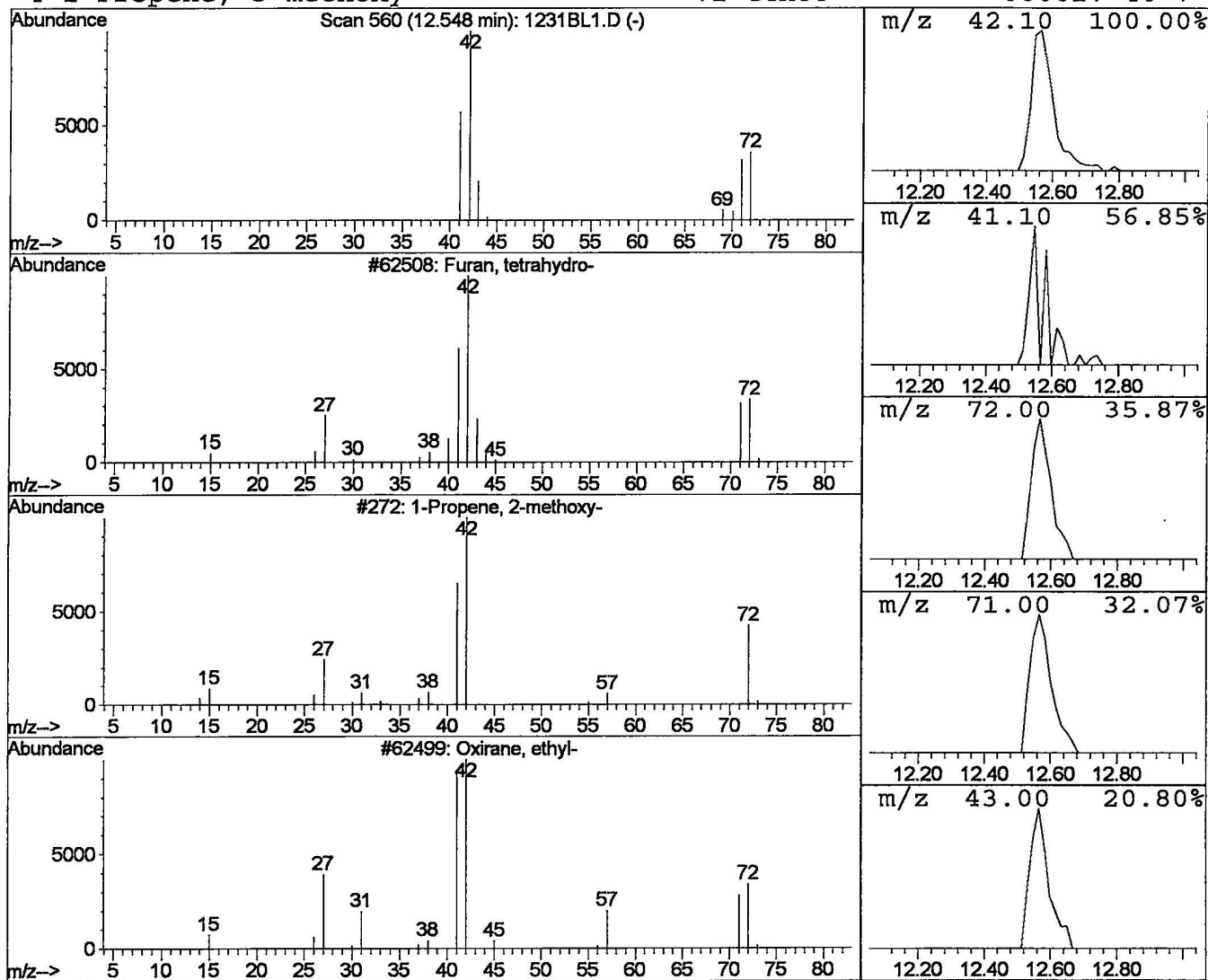
Vial: 5
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 Furan, tetrahydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	0.15 ug/L	105765	1,4-DIFLUOROBENZENE	14.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furan, tetrahydro-	72	C4H8O	000109-99-9	53
2			1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	9
3			Oxirane, ethyl-	72	C4H8O	000106-88-7	9
4			1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC31\1231BL1.D
 Acq On : 31 Dec 2001 8:48 am
 Sample : 1b
 Misc :
 MS Integration Params: LSCINT.P

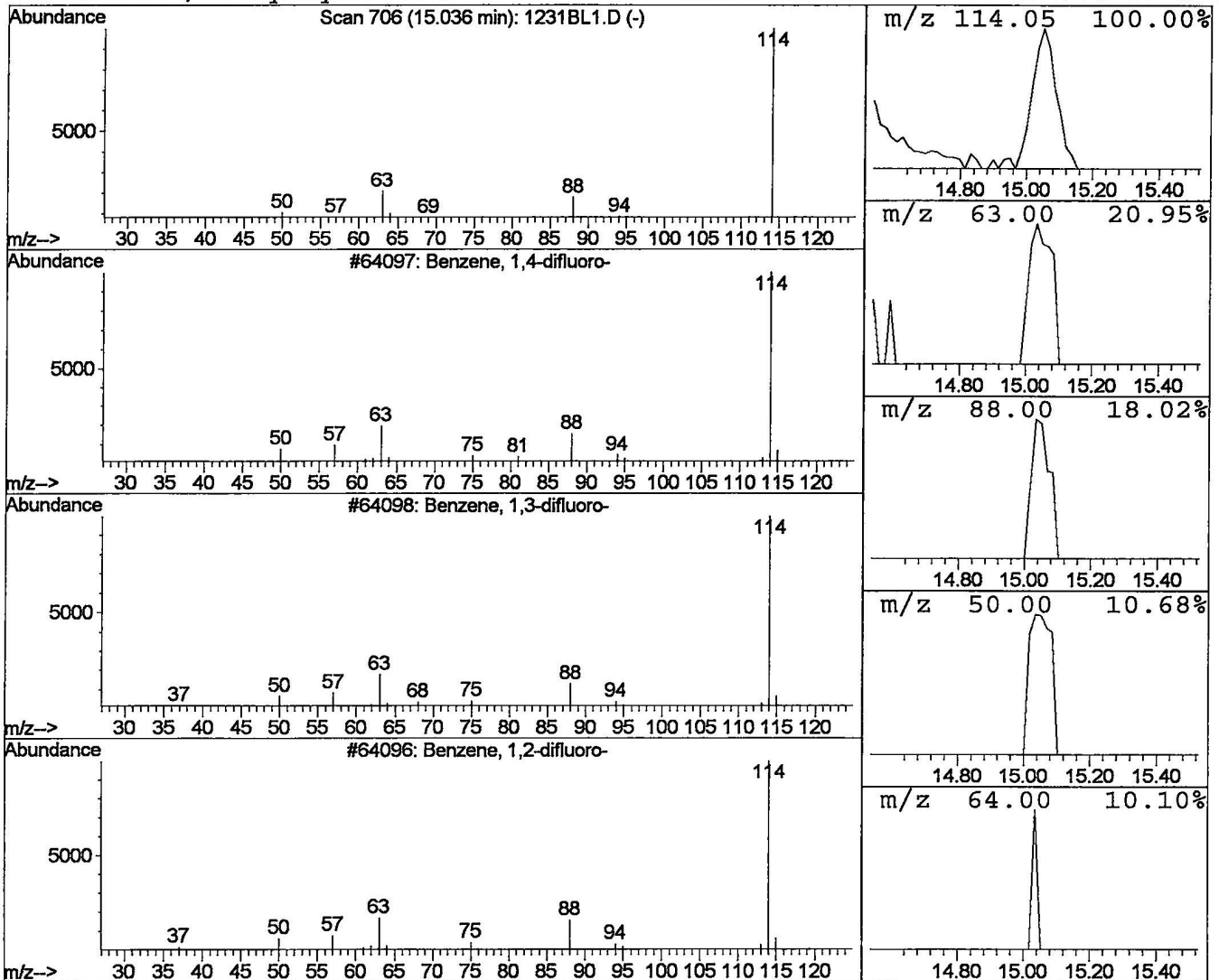
Vial: 5
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Benzene, 1,4-difluoro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	0.04 ug/L	28352	1,4-DIFLUOROBENZENE	14.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	38
2		Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	38
3		Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	32
4		Butanal, ethylhydrazone	114	C6H14N2	051576-30-8	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC31\1231BL1.D
Acq On : 31 Dec 2001 8:48 am
Sample : lb
Misc :
MS Integration Params: LSCINT.P

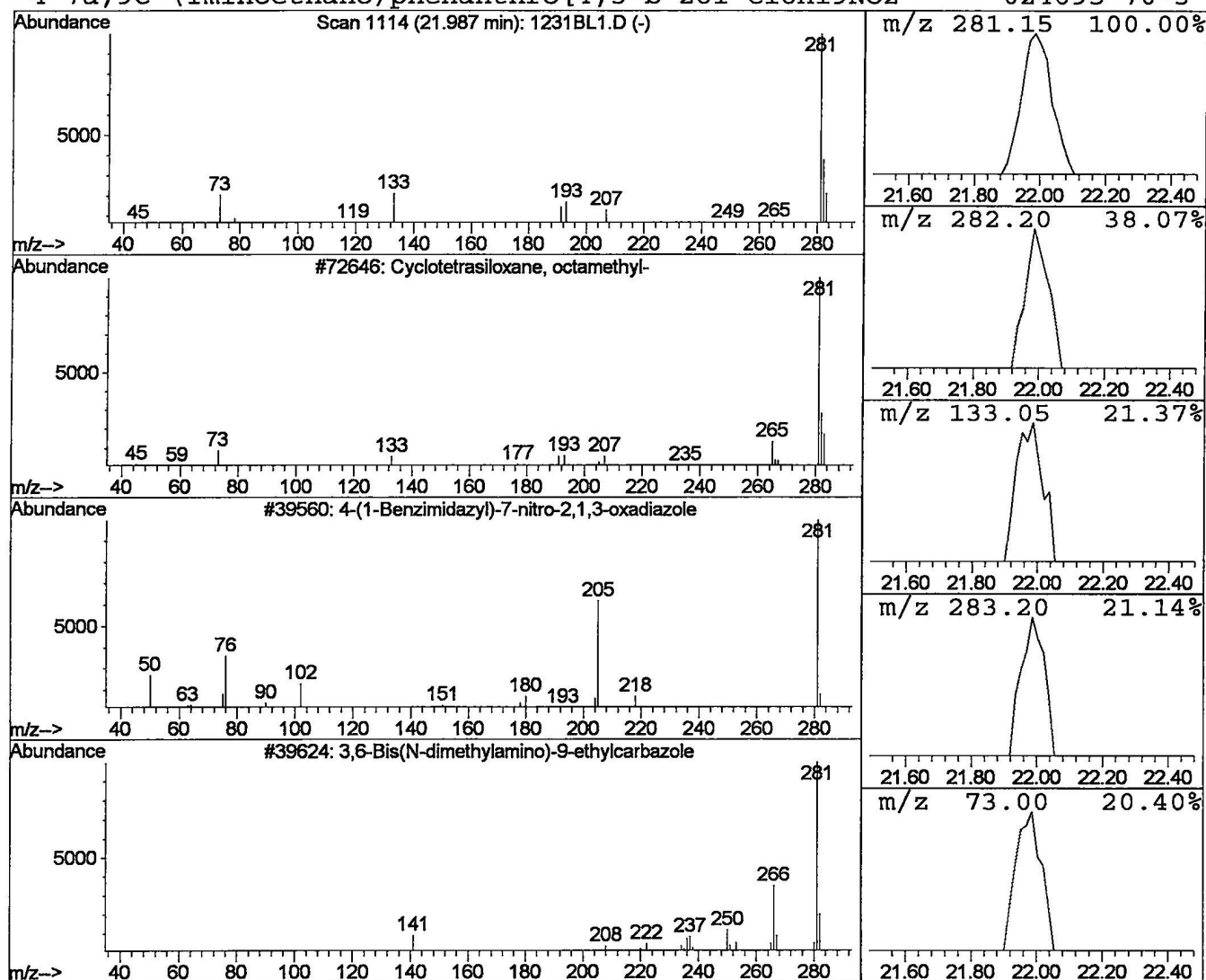
Vial: 5
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Library : C:\DATABASE\NBS75K.L

Peak Number 1 Cyclotetrasiloxane, octamethyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	0.09 ug/L	72815	CHLOROBENZENE-D5	20.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	39
2			4-(1-Benzimidazolyl)-7-nitro-2,1,3-ox	281	C13H7N5O3	091485-32-4	5
3			3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	4
4			7a,9c-(Iminoethano)phenanthro[4,5-b	281	C18H19NO2	024695-70-3	4



User: Baglioni, Walter
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 Date: 01/03/2002 Time: 13:46:03

Sample: AD31671
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 12/31/01 00:01 Ended: 1/3/02 00:01 Analyst: WB
 Result source: a:\1231c10a.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.1		.5
2	Surr_4-BROMOFLUOROBENZE		5.5		.5
3	Dichlorodifluoromethane		13		.5
4					
5					
6					
7					
8	Trichlorofluoromethane		11		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		10		.5
11	Methyl tert-butyl ether		8.0		1.0
12	trans-1,2-dichloroethene		10		.5
13	1,1-dichloroethane		10		.5
14	2-butanone (MEK)		7.4		2.0
15	2,2-dichloropropane		11		.5
16	cis-1,2-dichloroethene		9.8		.5
17	Chloroform		11		.5
18	Bromochloromethane		9.7		.5
19	1,2-dichloroethane		9.6		.5
20	Surr_TOLUENE-D8		4.8		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride		11		.5
24	Benzene		9.8		.5
25	Trichloroethene		9.8		.5
26	1,2-dichloropropane		9.1		.5
27	Dibromomethane		9.2		.5
28	Bromodichloromethane		10		.5
29	Methyl iso-butyl ketone		7.0		1.0
30	cis-1,3-dichloropropene		9.2		.5
31	Toluene		9.5		.5
32	trans-1,3-dichloropropene		9.4		.5
33	1,1,2-trichloroethane		8.9		.5
34	Tetrachloroethene		9.8		.5
35	1,3-dichloropropane		9.0		.5
36	Dibromochloromethane		9.4		2.0
37	Chlorobenzene		9.5		.5
38	1,1,1,2-tetrachloroethane		9.9		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		20		.5
41	O-xylene		10		.5
42	Styrene		9.7		.5
43	1,1,2,2-tetrachloroethane		11		.5
44	Bromoform		7.9		2.0
45	Isopropylbenzene		8.2		.5
46	1,2,3-trichloropropane		7.2		.5
47	N-propylbenzene		8.6		.5
48	Bromobenzene		8.3		.5

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Sample: AD31671
Analysis: \$C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 12/31/01 00:01 Ended: 1/3/02 00:01 Analyst: WB
Result source: a:\1231c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		8.1		.5
50	2-chlorotoluene		7.9		.5
51	4-chlorotoluene		9.2		.5
52	TERT-butylbenzene		9.2		.5
53	1,2,4-trimethylbenzene		8.5		.5
54	SEC-butylbenzene		8.9		.5
55	P-isopropyltoluene		8.7		.5
56	1,3-dichlorobenzene		9.2		.5
57	1,4-dichlorobenzene		9.0		.5
58	N-butylbenzene		9.7		.5
59	1,2-dichlorobenzene		9.2		.5
60	1,2,4-trichlorobenzene		9.6		.5
61	Hexachlobutadiene		9.7		.5
62	Naphthalene		9.4		.5
63	1,2,3-trichlorobenzene		9.6		.5
64	Nitrobenzene		190		5.0

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC31\1231C10A.D
 Acq On : 31 Dec 2001 11:25 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 31 12:04 2001

Vial: 9
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.42	114	959899	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.00	117	929291	5.00	ug/L	0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	662860	5.00	ug/L	0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.64	65	322624	5.10	ug/L	0.05
Spiked Amount	5.000		Recovery	=	102.00%	
3) 4-BROMOFLUOROBENZENE	23.59	174	402363	5.46	ug/L	0.05
Spiked Amount	5.000		Recovery	=	109.20%	
23) TOLUENE-D8	17.73	98	1191302	4.84	ug/L	0.05
Spiked Amount	5.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.47	85	395517	12.63	ug/L	99
5) CHLOROMETHANE	4.97	50	324387	16.65	ug/L	98
6) VINYL CHLORIDE	5.16	62	372889	19.25	ug/L	97
7) BROMOMETHANE	6.06	94	233728	13.80	ug/L	96
8) CHLOROETHANE	6.20	64	179818	13.54	ug/L	99
9) TRICHLOROFLUOROMETHANE	6.74	101	450041	10.70	ug/L	99
10) ACETONE	7.65	43	56510	8.78	ug/L	92
11) 1,1-DICHLOROETHENE	7.99	61	606089	11.11	ug/L	95
12) METHYLENE CHLORIDE	8.97	49	550339	10.41	ug/L	92
13) METHYL TERT BUTYL ETHER	9.28	73	556647	7.98	ug/L	97
14) TRANS-1,2-DICHLOROETHENE	9.63	61	597031	10.09	ug/L	84
15) 1,1-DICHLOROETHANE	10.50	63	756877	10.26	ug/L	98
16) 2-BUTANONE (MEK)	11.32	43	84744	7.45	ug/L	90
17) 2,2-DICHLOROPROPANE	11.70	77	652917	10.74	ug/L	98
18) CIS-1,2-DICHLOROETHENE	11.80	96	403435	9.76	ug/L	84
19) CHLOROFORM	12.12	83	747844	10.62	ug/L	99
20) BROMOCHLOROMETHANE	12.50	49	322931	9.66	ug/L	86
21) 1,2-DICHLOROETHANE	13.83	62	455661	9.62	ug/L	99
24) 1,1,1-TRICHLOROETHANE	13.01	97	626113	10.97	ug/L	99
25) 1,1-DICHLOROPROPENE	13.35	75	592175	10.51	ug/L	97
26) CARBON TETRACHLORIDE	13.59	117	545866	11.24	ug/L	99
27) BENZENE	13.94	78	1598365	9.76	ug/L	98
28) TRICHLOROETHENE	15.19	95	430874	9.82	ug/L	99
29) 1,2-DICHLOROPROPANE	15.55	63	415946	9.12	ug/L	98
30) DIBROMOMETHANE	16.19	174	149317	9.20	ug/L	94
31) BROMODICHLOROMETHANE	16.06	83	536057	10.20	ug/L	97
32) 2-CHLOROETHYL VINYL ETHER	16.55	63	122373	7.22	ug/L	95
33) Methyl iso-butyl ketone	16.62	58	60965	7.00	ug/L	96

(#) = qualifier out of range (m) = manual integration

1231C10A.D HP121001.M

Wed Jan 02 11:26:19 2002

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC31\1231C10A.D
 Acq On : 31 Dec 2001 11:25 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 31 12:04 2001

Vial: 9
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.15	75	607825	9.24	ug/L	99
35) TOLUENE	17.91	91	1752585	9.48	ug/L	98
36) TRANS-1,3-DICHLOROPROPENE	18.19	75	479559	9.38	ug/L	98
37) 1,1,2-TRICHLOROETHANE	18.56	97	225453	8.91	ug/L	99
38) TETRACHLOROETHENE	19.33	166	428788	9.84	ug/L	99
39) 1,3-DICHLOROPROPANE	19.09	76	440285	9.01	ug/L	99
40) DIBROMOCHLOROMETHANE	19.75	129	289571	9.41	ug/L	99
41) 1,2-DIBROMOETHANE	20.21	107	206493	8.57	ug/L	98
42) CHLOROBENZENE	21.08	112	1171420	9.53	ug/L	97
43) 1,1,1,2-TETRACHLOROETHANE	21.13	131	396345	9.89	ug/L	98
44) 2-HEXANONE	18.48	43	115958	7.97	ug/L	98
45) ETHYLBENZENE	21.13	91	2276646	10.00	ug/L	99
46) P & M-XYLENE	21.30	106	1677791	19.62	ug/L	96
47) O-XYLENE	22.26	91	1877651	10.35	ug/L	99
48) STYRENE	22.33	104	1373582	9.74	ug/L	97
49) 1,1,2,2-TETRACHLOROETHANE	23.33	83	288624	10.66	ug/L	100
51) BROMOFORM	23.16	173	158085	7.89	ug/L	99
52) ISOPROPYLBENZENE	22.99	105	2369345	8.18	ug/L	97
53) 1,2,3-TRICHLOROPROPANE	23.66	110	76508	7.25	ug/L	91
54) N-PROPYLBENZENE	23.86	91	3211663	8.56	ug/L	97
55) BROMOBENZENE	24.08	156	511534	8.29	ug/L	86
56) 1,3,5-TRIMETHYLBENZENE	24.17	105	2027127	8.11	ug/L	98
57) 2-CHLOROTOLUENE	24.32	91	1869143	7.85	ug/L	96
58) 4-CHLOROTOLUENE	24.41	91	1971757	9.25	ug/L	97
59) TERT-BUTYLBENZENE	24.95	134	490785	9.19	ug/L	95
60) 1,2,4-TRIMETHYLBENZENE	25.05	105	2197161	8.47	ug/L	98
61) SEC-BUTYLBENZENE	25.41	105	3115770	8.95	ug/L	98
62) P-ISOPROPYLTOLUENE	25.67	119	2436187	8.71	ug/L	99
63) 1,3-DICHLOROBENZENE	26.02	146	1219956	9.15	ug/L	97
64) 1,4-DICHLOROBENZENE	26.23	146	1201933	9.01	ug/L	98
65) N-BUTYLBENZENE	26.55	91	2598698	9.71	ug/L	99
66) 1,2-DICHLOROBENZENE	27.06	146	1016774	9.24	ug/L	99
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.72	157	47559	8.46	ug/L	97
68) NITROBENZENE	28.92	77	435236	187.76	ug/L	95
69) 1,2,4-TRICHLOROBENZENE	30.66	180	584415	9.58	ug/L	99
70) HEXACHLOROBUTADIENE	30.90	225	358552	9.68	ug/L	99
71) NAPHTHALENE	31.32	128	633056	9.42	ug/L	97
72) 1,2,3-TRICHLOROBENZENE	31.88	180	430555	9.62	ug/L	96

(#) = qualifier out of range (m) = manual integration

1231C10A.D HP121001.M

Wed Jan 02 11:26:57 2002

Page 2

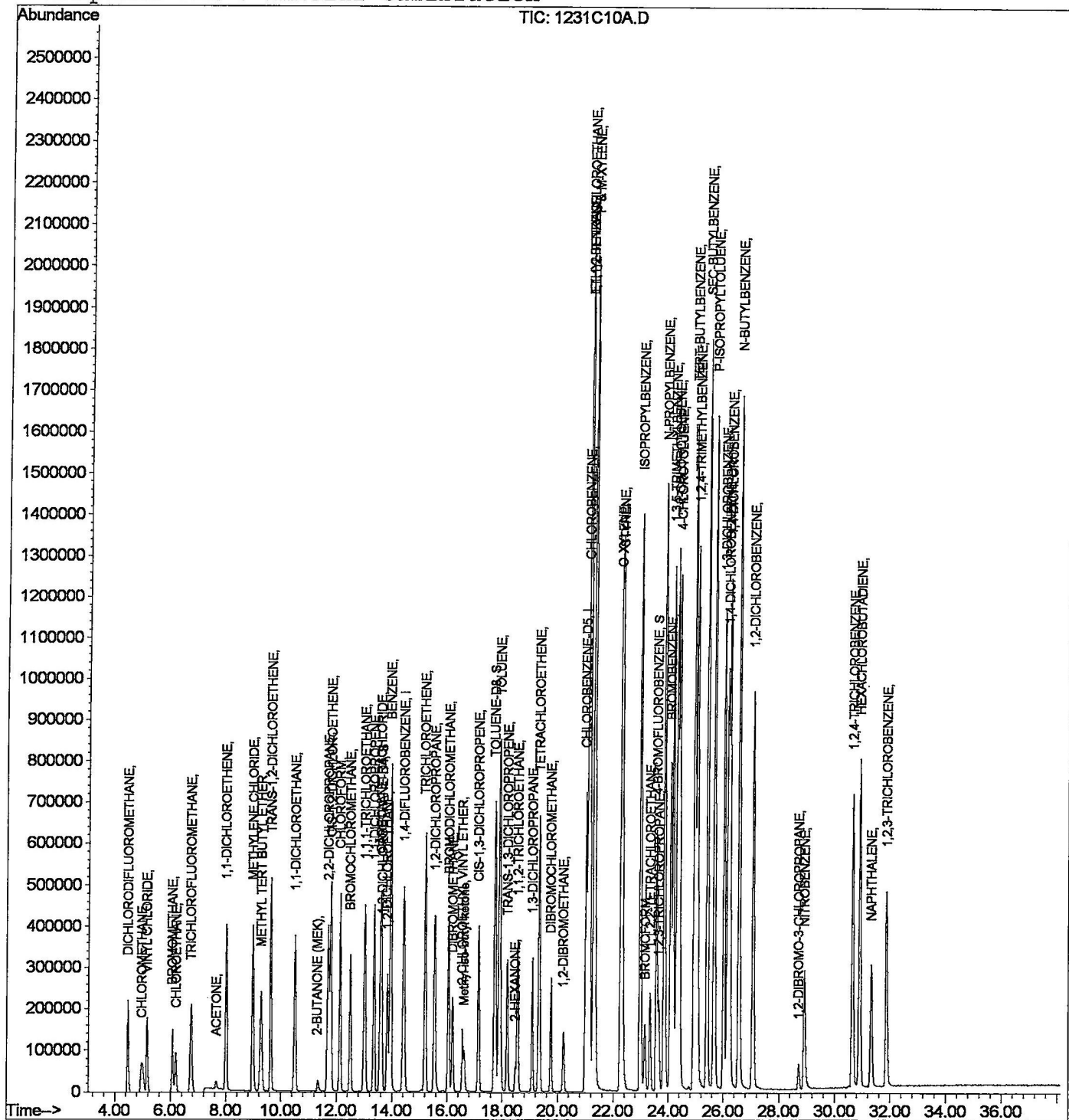
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC31\1231C10A.D
Acq On : 31 Dec 2001 11:25 am
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 31 12:04 2001

Vial: 9
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

```
Method       : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title        : VOCs BY EPA METHOD 524
Last Update  : Mon Dec 31 09:33:20 2001
Response via : Initial Calibration
```



Library Search Compound Report

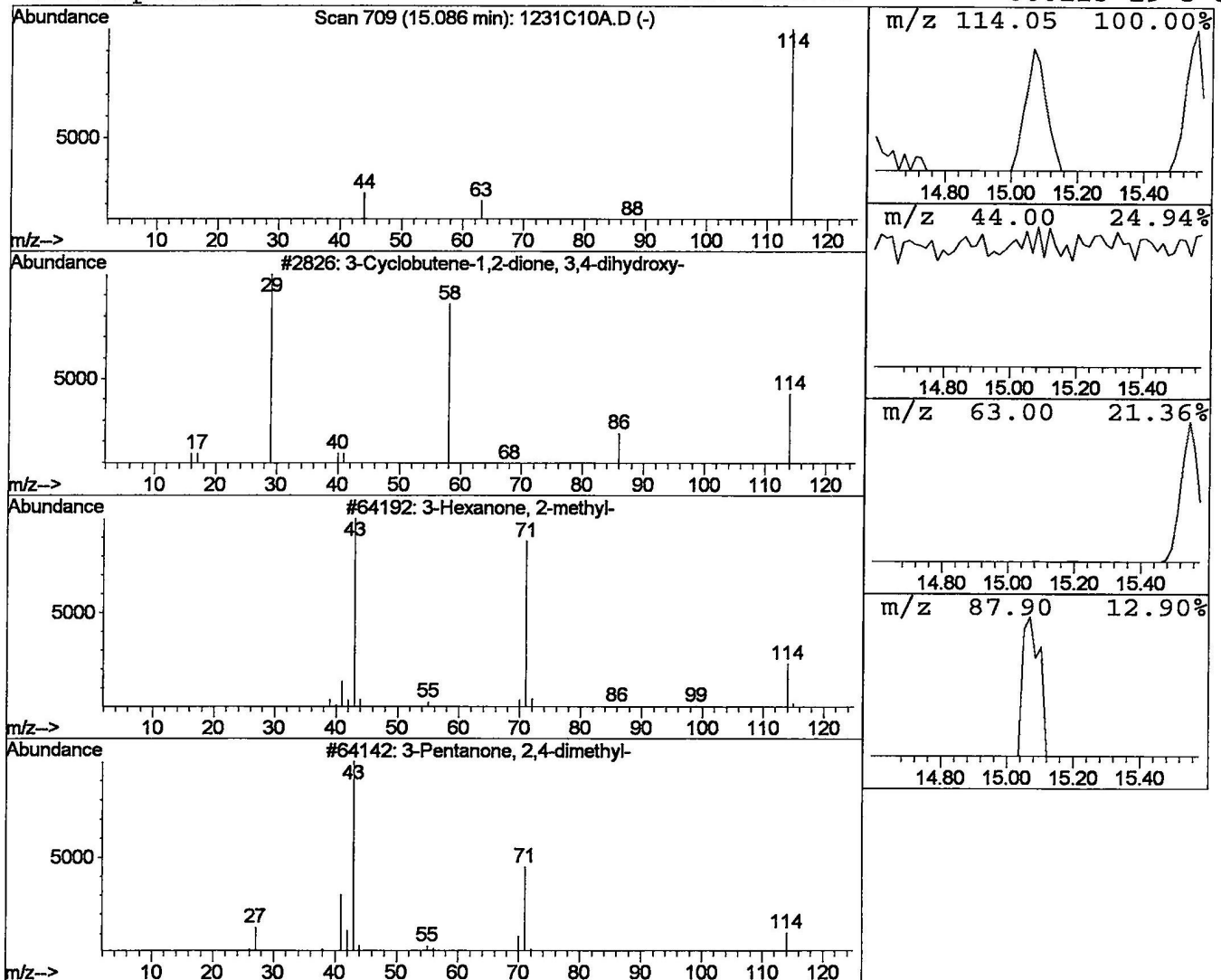
Data File : C:\HPCHEM\1\DATA\01dec31\1231C10A.D
 Acq On : 31 Dec 2001 11:25 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P

Vial: 9
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.09	0.03 ug/L	14342	1,4-DIFLUOROBENZENE	14.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
3		3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4		4-Heptanone	114	C7H14O	000123-19-3	3



User: Baglioni, Walter
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 13:47:14

Sample: AD31671
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 12/31/01 00:02 Ended: 1/3/02 00:02 Analyst: WB
 Result source: a:\1231r40.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		4.9		
2	4-BROMOFLUOROBENZENE		6.3		
3	DICHLORODIFLUOROMETHAN		40		.5
4	CHLOROMETHANE		63		.5
5	VINYL CHLORIDE		50		.5
6	BROMOMETHANE		54		.5
7	CHLOROETHANE		52		.5
8	TRICHLOROFLUOROMETHANE		42		.5
9	ACETONE		35		.5
10	1,1-DICHLOROETHENE		50		.5
11	METHYLENE CHLORIDE		45		.5
12	METHYL TERT BUTYL ETHER		31		1
13	TRANS-1,2-DICHLOROETHEN		47		.5
14	1,1-DICHLOROETHANE		45		.5
15	2-BUTANONE (MEK)		30		.5
16	2,2-DICHLOROPROPANE		49		.5
17	CIS-1,2-DICHLOROETHENE		44		.5
18	CHLOROFORM		48		.5
19	BROMOCHLOROMETHANE		43		.5
20	1,2-DICHLOROETHANE		43		.5
21	TOLUENE-D8		4.6		
22	1,1,1-TRICHLOROETHANE		46		.5
23	1,1-DICHLOROPROPENE		45		.5
24	CARBON TETRACHLORIDE		50		.5
25	BENZENE		41		.5
26	TRICHLOROETHENE		43		.5
27	1,2-DICHLOROPROPANE		38		.5
28	DIBROMOMETHANE		42		.5
29	BROMODICHLOROMETHANE		43		.5
30	2-CHLOROETHYL VINYL ETHE		29		.5
31	METHYL ISO-BUTYL KETONE		28		1
32	CIS-1,3-DICHLOROPROPENE		41		.5
33	TOLUENE		43		.5
34	TRANS-1,3-DICHLOROPROPE		41		.5
35	1,1,2-TRICHLOROETHANE		41		.5
36	TETRACHLOROETHENE		51		.5
37	1,3-DICHLOROPROPANE		43		.5
38	DIBROMOCHLOROMETHANE		46		2
39	1,2-DIBROMOETHANE		42		.5
40	CHLOROBENZENE		47		.5
41	1,1,1,2-TETRACHLOROETHA		48		.5
42	2-HEXANONE		36		.5
43	ETHYLBENZENE		49		.5
44	P & M-XYLENE		96		.5
45	O-XYLENE		50		.5
46	STYRENE		48		.5
47	1,1,2,2-TETRACHLOROETHA		50		.5
48	BROMOFORM		39		2

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 13:47:14

Sample: AD31671
Analysis: \$RE524 Reference recovery for 524
Units: ug
Started: 12/31/01 00:02 Ended: 1/3/02 00:02 Analyst: WB
Result source: a:\1231r40.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		38		.5
50	1,2,3-TRICHLOROPROPANE		32		.5
51	N-PROPYLBENZENE		42		.5
52	BROMOBENZENE		39		.5
53	1,3,5-TRIMETHYLBENZENE		38		.5
54	2-CHLOROTOLUENE		36		.5
55	4-CHLOROTOLUENE		45		.5
56	TERT-BUTYLBENZENE		42		.5
57	1,2,4-TRIMETHYLBENZENE		41		.5
58	SEC-BUTYLBENZENE		43		.5
59	P-ISOPROPYLTOLUENE		42		.5
60	1,3-DICHLOROBENZENE		44		.5
61	1,4-DICHLOROBENZENE		45		.5
62	N-BUTYLBENZENE		47		.5
63	1,2-DICHLOROBENZENE		45		.5
64	1,2-DIBROMO-3-CHLOROPRO		42		.5
65	1,2,4-TRICHLOROBENZENE		48		.5
66	HEXACHLOROBUTADIENE		46		.5
67	NAPHTHALENE		47		.5
68	1,2,3-TRICHLOROBENZENE		46		.5
69	ETHANOL		< MDL		30
70	NITROBENZENE		790		5.0

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 14:34:48

Sample: AD31671
 Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
 Units: ug
 Started: 01/03/02 13:47 Ended: 01/03/02 13:47 Analyst: WB
 Result source: calculation
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		4.9	.5
2	Surr - 4-BROMOFLUOROBENZE		6.3	.5
3	Dichlorodifluoromethane		100	.5
4	Chloromethane	USPEC	157.5	.5
5	Vinyl chloride		125	.5
6	Bromomethane		135	.5
7	Chloroethane		130	.5
8	Trichlorofluoromethane		105	.5
9	1,1-Dichloroethene		125	.5
10	Methylene Chloride		112.5	.5
11	Methyl tert butyl ether		77.5	1.0
12	trans-1,2-dichloroethene		117.5	.5
13	1,1-dichloroethane		112.5	.5
14	2-butanone (MEK)		75	2.0
15	2,2-dichloropropane		122.5	.5
16	cis-1,2-dichloroethene		110	.5
17	Chloroform		120	.5
18	Bromochloromethane		107.5	.5
19	1,2-dichloroethane		107.5	.5
20	Surr - TOLUENE-D8		4.6	.5
21	1,1,1-trichloroethane		115	.5
22	1,1-dichloropropene		112.5	.5
23	Carbon tetrachloride		125	.5
24	Benzene		102.5	.5
25	Trichloroethene		107.5	.5
26	1,2-dichloropropane		95	.5
27	Dibromomethane		105	.5
28	Bromodichloromethane		107.5	.5
29	Methyl iso-butyl ketone		70	1.0
30	cis-1,3-dichloropropene		102.5	.5
31	Toluene		107.5	.5
32	trans-1,3-dichloropropene		102.5	.5
33	1,1,2-trichloroethane		102.5	.5
34	Tetrachloroethene		127.5	.5
35	1,3-dichloropropane		107.5	.5
36	Dibromochloromethane		115	2.0
37	Chlorobenzene		117.5	.5
38	1,1,1,2-tetrachloroethane		120	.5
39	Ethylbenzene		122.5	.5
40	P & M-xylene		120	.5
41	O-xylene		125	.5
42	Styrene		120	.5
43	1,1,2,2-tetrachloroethane		125	.5
44	Bromoform		97.5	2.0
45	Isopropylbenzene		95	.5
46	1,2,3-trichloropropane		80	.5
47	N-propylbenzene		105	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 14:34:48

Sample: AD31671
Analysis: SQ_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 01/03/02 13:47 Ended: 01/03/02 13:47 Analyst: WB
Result source: calculation
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		97.5	.5
49	1,3,5-trimethylbenzene		95	.5
50	2-chlorotoluene		90	.5
51	4-chlorotoluene		112.5	.5
52	TERT-butylbenzene		105	.5
53	1,2,4-trimethylbenzene		102.5	.5
54	SEC-butylbenzene		107.5	.5
55	P-isopropyltoluene		105	.5
56	1,3-dichlorobenzene		110	.5
57	1,4-dichlorobenzene		112.5	.5
58	N-butylbenzene		117.5	.5
59	1,2-dichlorobenzene		112.5	.5
60	1,2,4-trichlorobenzene		120	.5
61	Hexachlorobutadiene		115	.5
62	Naphthalene		117.5	.5
63	1,2,3-trichlorobenzene		115	.5
64	Ethanol		N/A	
65	Nitrobenzene		99	5.0

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec31\1231R40.D
 Acq On : 31 Dec 2001 12:30 pm
 Sample : ref 40
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 31 13:09 2001

Vial: 9
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.42	114	1069107	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.01	117	1134804	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.16	152	861955	5.00	ug/L	0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.62	65	347221	4.93	ug/L	0.03
Spiked Amount 5.000			Recovery	=	98.60%	
3) 4-BROMOFLUOROBENZENE	23.59	174	518745	6.32	ug/L	0.05
Spiked Amount 5.000			Recovery	=	126.40%	
23) TOLUENE-D8	17.74	98	1375553	4.57	ug/L	0.07
Spiked Amount 5.000			Recovery	=	91.40%	

Target Compounds

					Qvalue
4) DICHLORODIFLUOROMETHANE	4.47	85	1394290	39.97 ug/L	100
5) CHLOROMETHANE	4.97	50	1363728	62.86 ug/L	97
6) VINYL CHLORIDE	5.13	62	1076108	49.88 ug/L	95
7) BROMOMETHANE	6.07	94	1017236	53.91 ug/L	100
8) CHLOROETHANE	6.18	64	763127	51.59 ug/L	99
9) TRICHLOROFLUOROMETHANE	6.74	101	1984875	42.39 ug/L	99
10) ACETONE	7.65	43	252444	35.20 ug/L	99
11) 1,1-DICHLOROETHENE	7.99	61	3066404	50.47 ug/L	94
12) METHYLENE CHLORIDE	8.97	49	2665150	45.25 ug/L	91
13) METHYL TERT BUTYL ETHER	9.26	73	2443950	31.44 ug/L	97
14) TRANS-1,2-DICHLOROETHENE	9.62	61	3111811	47.22 ug/L	90
15) 1,1-DICHLOROETHANE	10.50	63	3688012	44.87 ug/L	98
16) 2-BUTANONE (MEK)	11.32	43	386063	30.47 ug/L	93
17) 2,2-DICHLOROPROPANE	11.70	77	3351945	49.49 ug/L	99
18) CIS-1,2-DICHLOROETHENE	11.80	96	2047181	44.45 ug/L	85
19) CHLOROFORM	12.12	83	3795942	48.40 ug/L	100
20) BROMOCHLOROMETHANE	12.50	49	1610660	43.28 ug/L	82
21) 1,2-DICHLOROETHANE	13.83	62	2289704	43.38 ug/L	100
24) 1,1,1-TRICHLOROETHANE	13.01	97	3214086	46.11 ug/L	98
25) 1,1-DICHLOROPROPENE	13.35	75	3074792	44.70 ug/L	97
26) CARBON TETRACHLORIDE	13.59	117	2938581	49.57 ug/L	100
27) BENZENE	13.94	78	8221793	41.12 ug/L	97
28) TRICHLOROETHENE	15.21	95	2277039	42.51 ug/L	93
29) 1,2-DICHLOROPROPANE	15.55	63	2119868	38.06 ug/L	99
30) DIBROMOMETHANE	16.19	174	830332	41.88 ug/L	91
31) BROMODICHLOROMETHANE	16.06	83	2775161	43.25 ug/L	97
32) 2-CHLOROETHYL VINYL ETHER	16.55	63	602999	29.15 ug/L	91
33) Methyl iso-butyl ketone	16.62	58	293400	27.58 ug/L	98

(#) = qualifier out of range (m) = manual integration

1231R40.D HP121001.M Mon Dec 31 13:09:10 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec31\1231R40.D

Vial: 9

Acq On : 31 Dec 2001 12:30 pm

Operator: 206-BH

Sample : ref 40

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 31 13:09 2001

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Dec 20 09:38:26 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.15	75	3269016	40.68	ug/L	98
35) TOLUENE	17.91	91	9651692	42.77	ug/L	100
36) TRANS-1,3-DICHLOROPROPENE	18.19	75	2535771	40.63	ug/L	98
37) 1,1,2-TRICHLOROETHANE	18.56	97	1256116	40.64	ug/L	99
38) TETRACHLOROETHENE	19.33	166	2703993	50.82	ug/L	97
39) 1,3-DICHLOROPROPANE	19.09	76	2551990	42.75	ug/L	99
40) DIBROMOCHLOROMETHANE	19.75	129	1727146	45.98	ug/L	97
41) 1,2-DIBROMOETHANE	20.21	107	1226047	41.68	ug/L	99
42) CHLOROBENZENE	21.10	112	6998229	46.63	ug/L	96
43) 1,1,1,2-TETRACHLOROETHANE	21.13	131	2325305	47.52	ug/L	97
44) 2-HEXANONE	18.46	43	634706	35.72	ug/L	97
45) ETHYLBENZENE	21.13	91	13599838	48.94	ug/L	97
46) P & M-XYLENE	21.30	106	10050625	96.26	ug/L	98
47) O-XYLENE	22.26	91	11068114	49.97	ug/L	99
48) STYRENE	22.33	104	8259201	47.94	ug/L	96
49) 1,1,2,2-TETRACHLOROETHANE	23.33	83	1642059	49.67	ug/L	99
51) BROMOFORM	23.16	173	1020973	39.18	ug/L	100
52) ISOPROPYLBENZENE	22.99	105	14354993	38.13	ug/L	98
53) 1,2,3-TRICHLOROPROPANE	23.66	110	441872	32.19	ug/L	94
54) N-PROPYLBENZENE	23.86	91	20354276	41.70	ug/L	99
55) BROMOBENZENE	24.08	156	3120218	38.90	ug/L	86
56) 1,3,5-TRIMETHYLBENZENE	24.17	105	12511668	38.48	ug/L	99
57) 2-CHLOROTOLUENE	24.32	91	11101654	35.86	ug/L	96
58) 4-CHLOROTOLUENE	24.41	91	12335922	44.50	ug/L	97
59) TERT-BUTYLBENZENE	24.95	134	2901233	41.77	ug/L	97
60) 1,2,4-TRIMETHYLBENZENE	25.05	105	13717738	40.64	ug/L	100
61) SEC-BUTYLBENZENE	25.41	105	19430673	42.91	ug/L	98
62) P-ISOPROPYLTOLUENE	25.68	119	15136958	41.63	ug/L	97
63) 1,3-DICHLOROBENZENE	26.02	146	7627742	44.00	ug/L	96
64) 1,4-DICHLOROBENZENE	26.23	146	7715514	44.50	ug/L	97
65) N-BUTYLBENZENE	26.55	91	16289906	46.83	ug/L	97
66) 1,2-DICHLOROBENZENE	27.08	146	6387557	44.65	ug/L	96
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.72	157	307838	42.09	ug/L	92
68) NITROBENZENE	28.92	77	2373943	787.54	ug/L	90
69) 1,2,4-TRICHLOROBENZENE	30.66	180	3789427	47.78	ug/L	97
70) HEXACHLOROBUTADIENE	30.91	225	2211743	45.90	ug/L	98
71) NAPHTHALENE	31.32	128	4076594	46.64	ug/L	99
72) 1,2,3-TRICHLOROBENZENE	31.88	180	2689424	46.21	ug/L	98

 (#) = qualifier out of range (m) = manual integration

1231R40.D HP121001.M Mon Dec 31 13:09:13 2001

Page 2

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 15:06:33

Sample: AD31670
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/31/01 00:04 Ended: 01/02/01 00:04 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.2	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.0	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.0	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethan		< MDL	0.5
29	Methyl Iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethan		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY	<u>AV</u>
DATE	<u>1/3/02</u>

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 15:06:33

Sample: AD31670
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/31/01 00:04 Ended: 01/02/01 00:04 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	0.5
49	1,3,5-trimethylbenzene		< MDL	0.5
50	2-chlorotoluene		< MDL	0.5
51	4-chlorotoluene		< MDL	0.5
52	TERT-butylbenzene		< MDL	0.5
53	1,2,4-trimethylbenzene		< MDL	0.5
54	SEC-butylbenzene		< MDL	0.5
55	P-isopropyltoluene		< MDL	0.5
56	1,3-dichlorobenzene		< MDL	0.5
57	1,4-dichlorobenzene		0.37*	0.5
58	N-butylbenzene		< MDL	0.5
59	1,2-dichlorobenzene		< MDL	0.5
60	1,2,4-trichlorobenzene		< MDL	0.5
61	Hexachlorobutadiene		< MDL	0.5
62	Naphthalene		< MDL	0.5
63	1,2,3-trichlorobenzene		< MDL	0.5

Comments for Sample AD31670 - Analysis \$524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 01-03-2002 Time: 15:06:40

*Estimated value;below calibration range.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec31\31670.D
 Acq On : 31 Dec 2001 4:13 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 31 16:51 2001

Vial: 8
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.40	114	797026	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.00	117	747264	5.00	ug/L	0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	349216	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	273812	5.22	ug/L	0.05
Spiked Amount 5.000			Recovery	=	104.40%	
3) 4-BROMOFLUOROBENZENE	23.59	174	243998	3.99	ug/L	0.05
Spiked Amount 5.000			Recovery	=	79.80%	
23) TOLUENE-D8	17.73	98	982590	4.96	ug/L	0.05
Spiked Amount 5.000			Recovery	=	99.20%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.37	43	2309	0.24	ug/L	Qvalue 64
63) 1,3-DICHLOROBENZENE	26.23	146	22853	0.33	ug/L	98
64) 1,4-DICHLOROBENZENE 0.37	26.23	146	26201	0.37	ug/L	97

(#) = qualifier out of range (m) = manual integration
 31670.D HP121001.M Mon Dec 31 16:51:52 2001

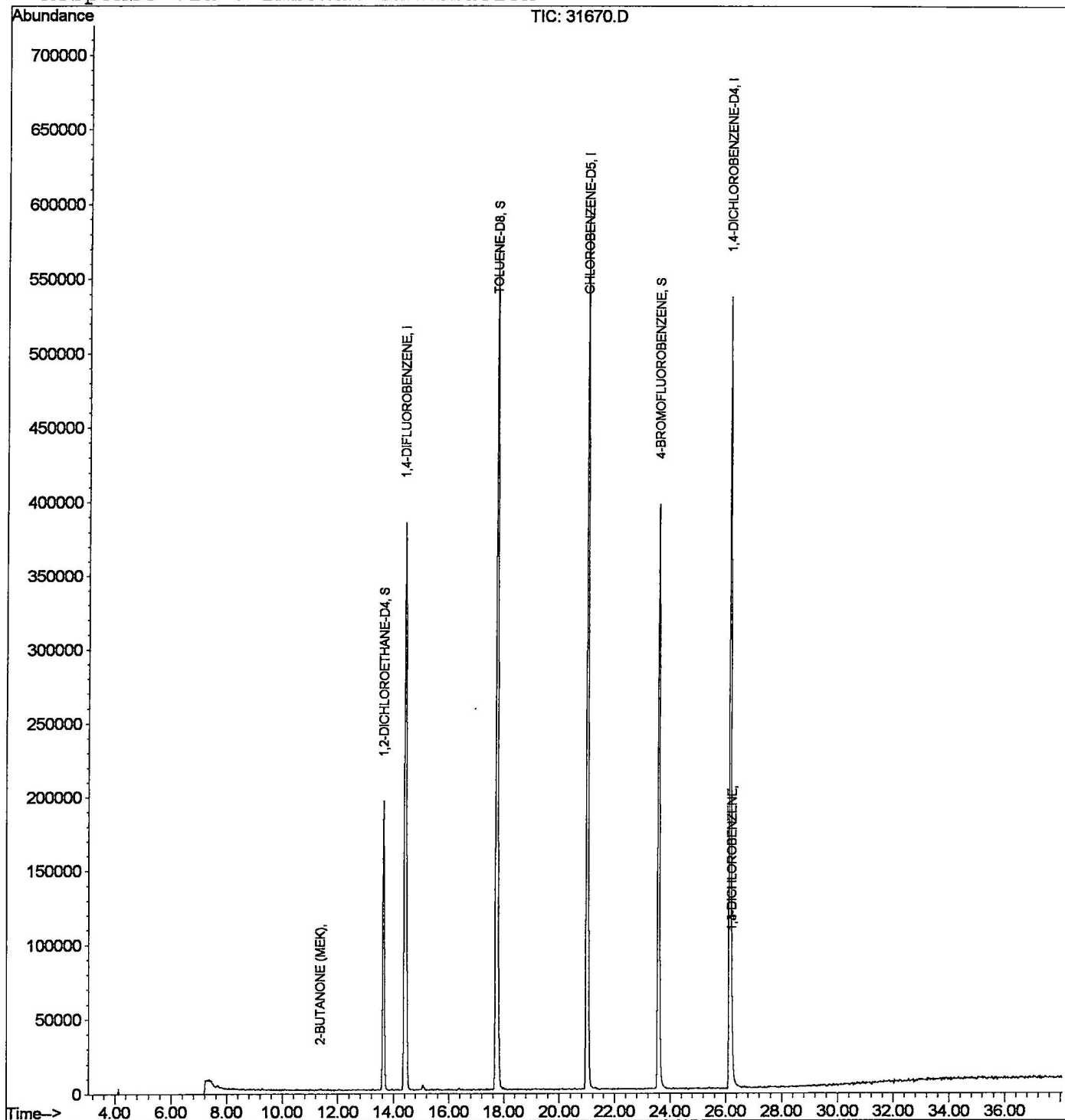
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec31\31670.D
 Acq On : 31 Dec 2001 4:13 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 31 16:51 2001

Vial: 8
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec31\31670.D
 Acq On : 31 Dec 2001 4:13 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

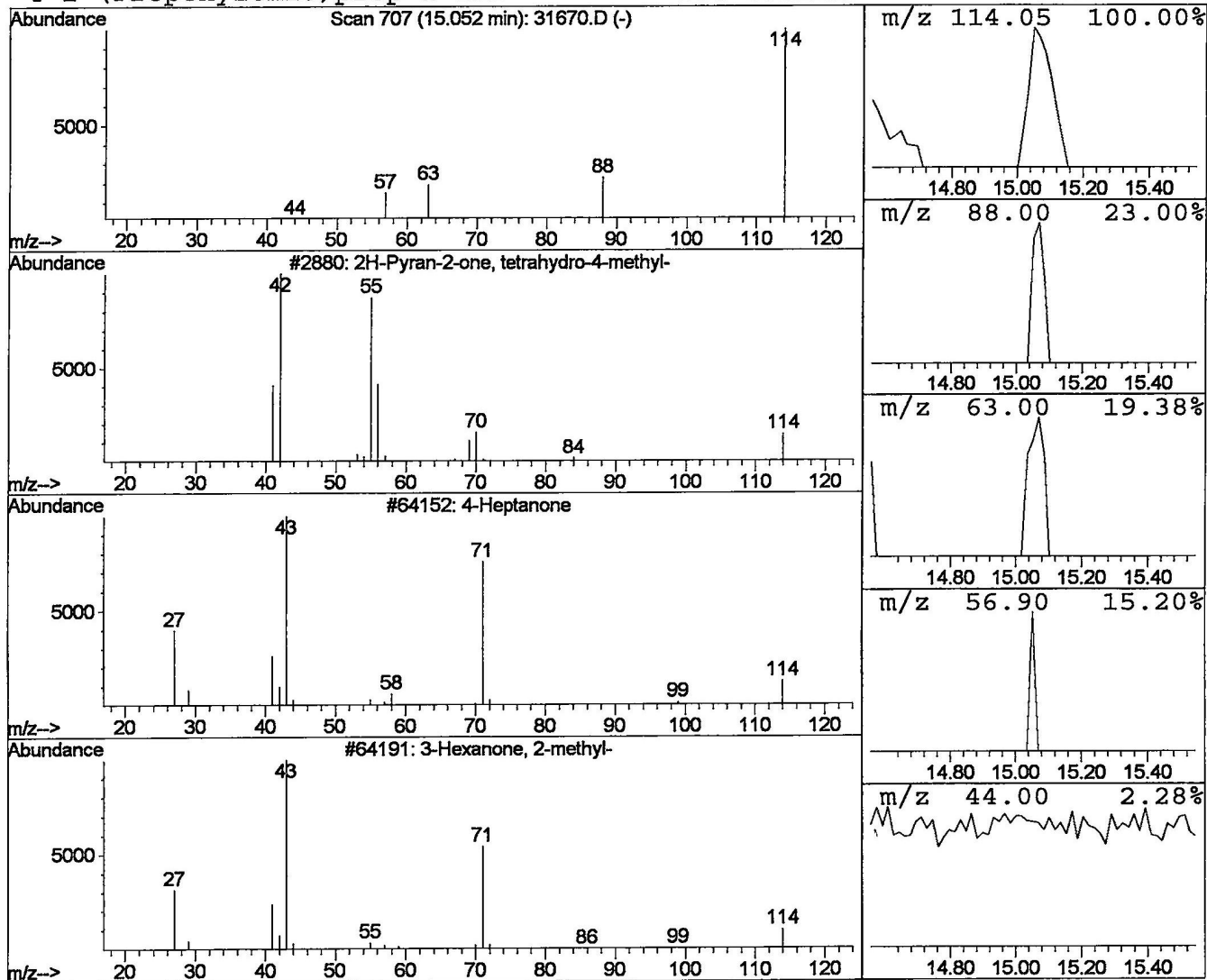
Vial: 8
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 2H-Pyran-2-one, tetrahydro-4-m Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	0.04 ug/L	14502	1,4-DIFLUOROBENZENE	14.40

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	3
2		4-Heptanone	114	C7H14O	000123-19-3	3
3		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4		1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 15:25:54

Sample: AD31670
 Analysis: \$D_524 Volatile Organic Compounds-Duplicate
 Units: ug
 Started: 12/31/01 00:04 Ended: 01/02/01 00:04 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.55	.5
2	Surr - 4-BROMOFLUOROBENZE		3.87	.5
3	Dichlorodifluoromethane		< MDL	.5
4	Chloromethane		< MDL	.5
5	Vinyl chloride		< MDL	.5
6	Bromomethane		< MDL	.5
7	Chloroethane		< MDL	.5
8	Trichlorofluoromethane		< MDL	.5
9	1,1-Dichloroethene		< MDL	.5
10	Methylene Chloride		< MDL	.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	*THM-Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr - TOLUENE-D8		5.08	.5
21	1,1,1- trichloroethane		< MDL	.5
22	1,1-dichloropropene		< MDL	.5
23	Carbon tetrachloride		< MDL	.5
24	Benzene		< MDL	.5
25	Trichloroethene		< MDL	.5
26	1,2-dichloropropane		< MDL	.5
27	Dibromomethane		< MDL	.5
28	*THM-Bromodichloromethan		< MDL	.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	*THM-Dibromochloromethan		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 15:25:54

Sample: AD31670
Analysis: \$D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 12/31/01 00:04 Ended: 01/02/01 00:04 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	.5
49	1,3,5-trimethylbenzene		< MDL	.5
50	2-chlorotoluene		< MDL	.5
51	4-chlorotoluene		< MDL	.5
52	TERT-butylbenzene		< MDL	.5
53	1,2,4-trimethylbenzene		< MDL	.5
54	SEC-butylbenzene		< MDL	.5
55	P-isopropyltoluene		< MDL	.5
56	1,3-dichlorobenzene		< MDL	.5
57	1,4-dichlorobenzene		0.19*	.5
58	N-butylbenzene		< MDL	.5
59	1,2-dichlorobenzene		< MDL	.5
60	1,2,4-trichlorobenzene		< MDL	.5
61	Hexachlorobutadiene		< MDL	.5
62	Naphthalene		< MDL	.5
63	1,2,3-trichlorobenzene		< MDL	.5

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 15:26:36

Sample: AD31670
 Analysis: SP_524 Duplicate calculation for 524
 Units: ug
 Started: 12/31/01 00:04 Ended: 01/02/01 00:04 Analyst: BH
 Result source: calculation
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		0.35
2	Surr - 4-BROMOFLUOROBENZE		0.13
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER (M		< MDL
12	TRANS-1,2-DICHLOROETHENE		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		< MDL
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.08
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMETHA		< MDL
29	METHYL ISO-BUTYL KETONE (M		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPENE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMETHA		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHANE		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHANE		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 15:26:36

Sample: AD31670
Analysis: SP_524 Duplicate calculation for 524
Units: ug
Started: 12/31/01 00:04 Ended: 01/02/01 00:04 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result
48	1,2,3-TRICHLOROPROPANE		< MDL
49	N-PROPYLBENZENE		< MDL
50	BROMOBENZENE		< MDL
51	1,3,5-TRIMETHYLBENZENE		< MDL
52	2-CHLOROTOLUENE		< MDL
53	4-CHLOROTOLUENE		< MDL
54	TERT-BUTYLBENZENE		< MDL
55	1,2,4-TRIMETHYLBENZENE		< MDL
56	SEC-BUTYLBENZENE		< MDL
57	P-ISOPROPYLTOLUENE		< MDL
58	1,3-DICHLOROBENZENE		< MDL
59	1,4-DICHLOROBENZENE		0.18
60	N-BUTYLBENZENE		< MDL
61	1,2-DICHLOROBENZENE		< MDL
62	1,2-DIBROMO-3-CHLOROPROPA		< MDL
63	1,2,4-TRICHLOROBENZENE		< MDL
64	HEXACHLOROBUTADIENE		< MDL
65	NAPHTHALENE		< MDL
66	1,2,3-TRICHLOROBENZENE		< MDL

Comments for Sample AD31670 - Analysis \$D_524

Westchester Dept. of Labs & Research
User: Vannelli, Sandy
Date: 01-03-2002 Time: 15:25:37

*Estimated value;below calibration range.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC31\31670D.D

Vial: 13

Acq On : 31 Dec 2001 10:20 pm

Operator: 206-BH

Sample : nyc dup

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Jan 3 15:21 2002

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Dec 20 09:38:26 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.46	114	647788	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.01	117	613735	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	277328	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.65	65	236597	5.55	ug/L	0.07
Spiked Amount 5.000			Recovery	=	111.00%	
3) 4-BROMOFLUOROBENZENE	23.60	174	192239	3.87	ug/L	0.07
Spiked Amount 5.000			Recovery	=	77.40%	
23) TOLUENE-D8	17.76	98	827182	5.08	ug/L	0.08
Spiked Amount 5.000			Recovery	=	101.60%	
Target Compounds						Qvalue
63) 1,3-DICHLOROBENZENE	26.26	146	9684	0.17	ug/L	86
64) 1,4-DICHLOROBENZENE	26.26	146	10833	0.19	ug/L	87

 (#) = qualifier out of range (m) = manual integration
 31670D.D HP121001.M Thu Jan 03 15:21:54 2002

Page 1

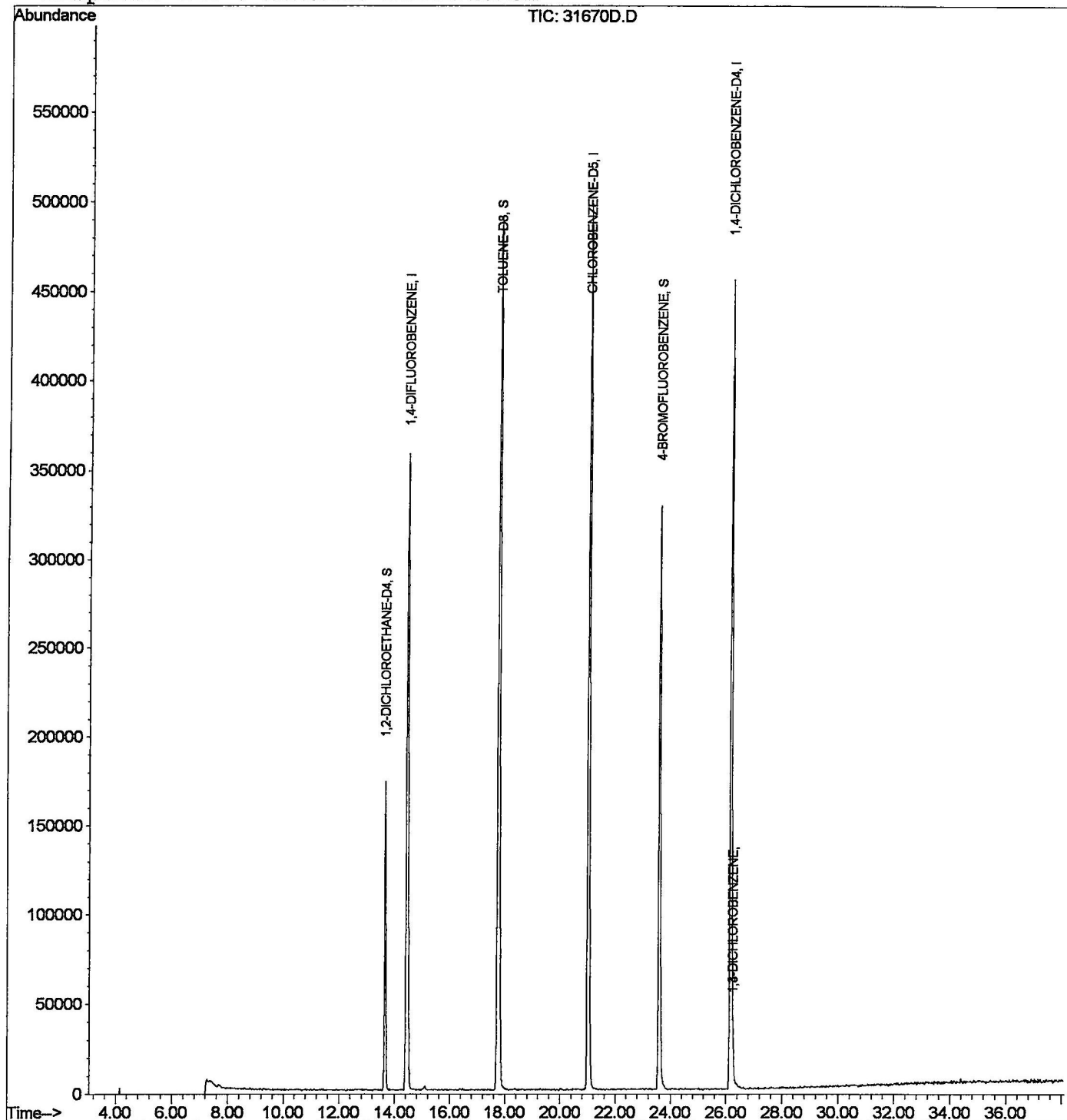
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31670D.D
Acq On : 31 Dec 2001 10:20 pm
Sample : nyc dup
Misc :
MS Integration Params: LSCINT.P
Quant Time: Jan 3 15:21 2002

Vial: 13
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31670D.D
 Acq On : 31 Dec 2001 10:20 pm
 Sample : nyc dup
 Misc :
 MS Integration Params: LSCINT.P

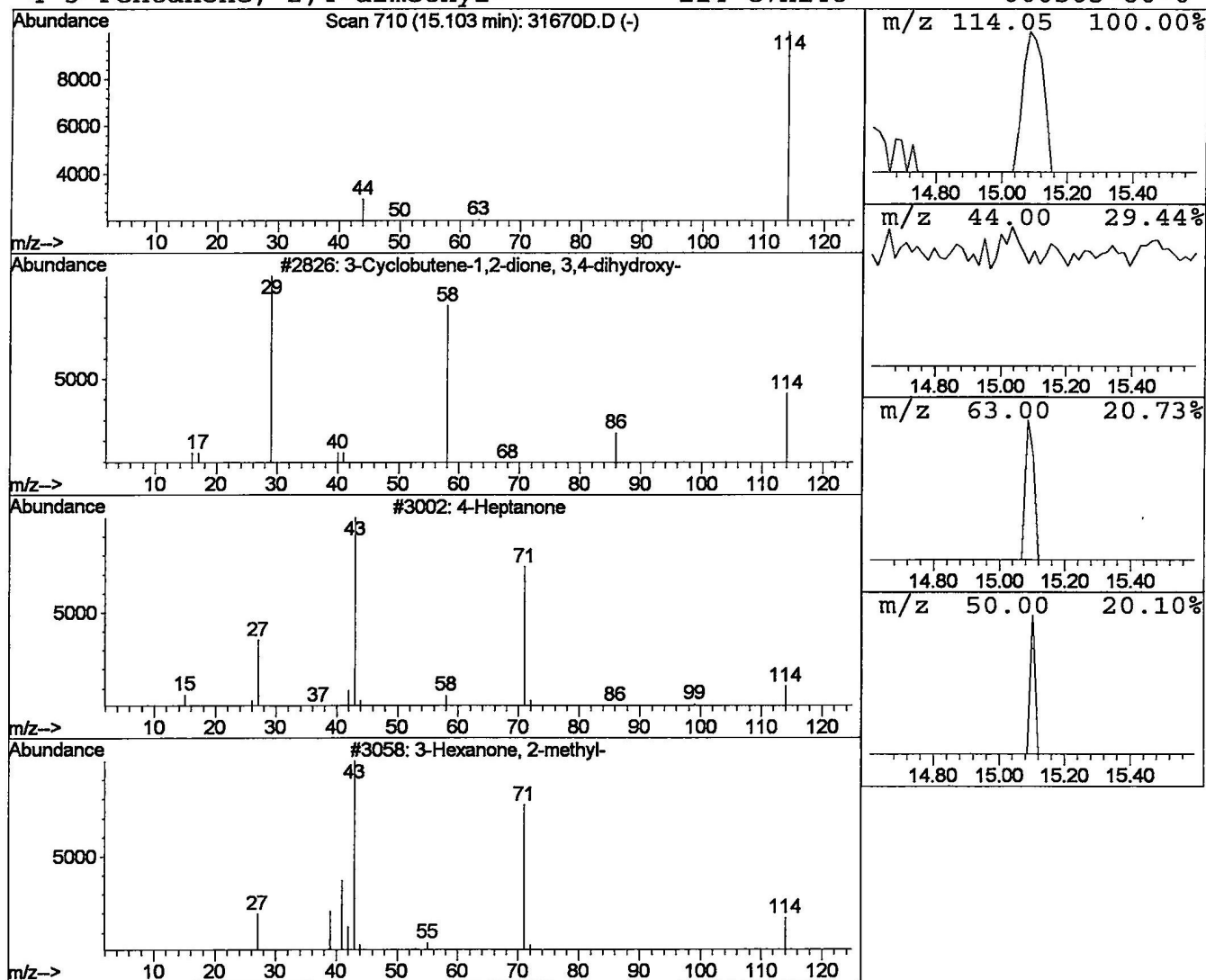
Vial: 13
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.04 ug/L	13634	1,4-DIFLUOROBENZENE	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2			4-Heptanone	114	C7H14O	000123-19-3	3
3			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3



User: Baglioni, Walter
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 13:57:40

Sample: AD31671
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/31/01 13:55 Ended: 1/3/02 13:55 Analyst: WB
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.5		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.0		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
 DATE 1/3/02

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 13:57:40

Sample: AD31671
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/31/01 13:55 Ended: 1/3/02 13:55 Analyst: WB
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC31\31671.D
 Acq On : 31 Dec 2001 4:56 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 31 17:35 2001

Vial: 9
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.40	114	743880	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.00	117	705836	5.00	ug/L	0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	332669	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	267788	5.47	ug/L	0.05
Spiked Amount 5.000			Recovery	=	109.40%	
3) 4-BROMOFLUOROBENZENE	23.59	174	229456	4.02	ug/L	0.05
Spiked Amount 5.000			Recovery	=	80.40%	
23) TOLUENE-D8	17.73	98	941013	5.03	ug/L	0.05
Spiked Amount 5.000			Recovery	=	100.60%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.36	43	1400	0.16	ug/L	Qvalue 64

 (#) = qualifier out of range (m) = manual integration
 31671.D HP121001.M Thu Jan 03 13:55:00 2002

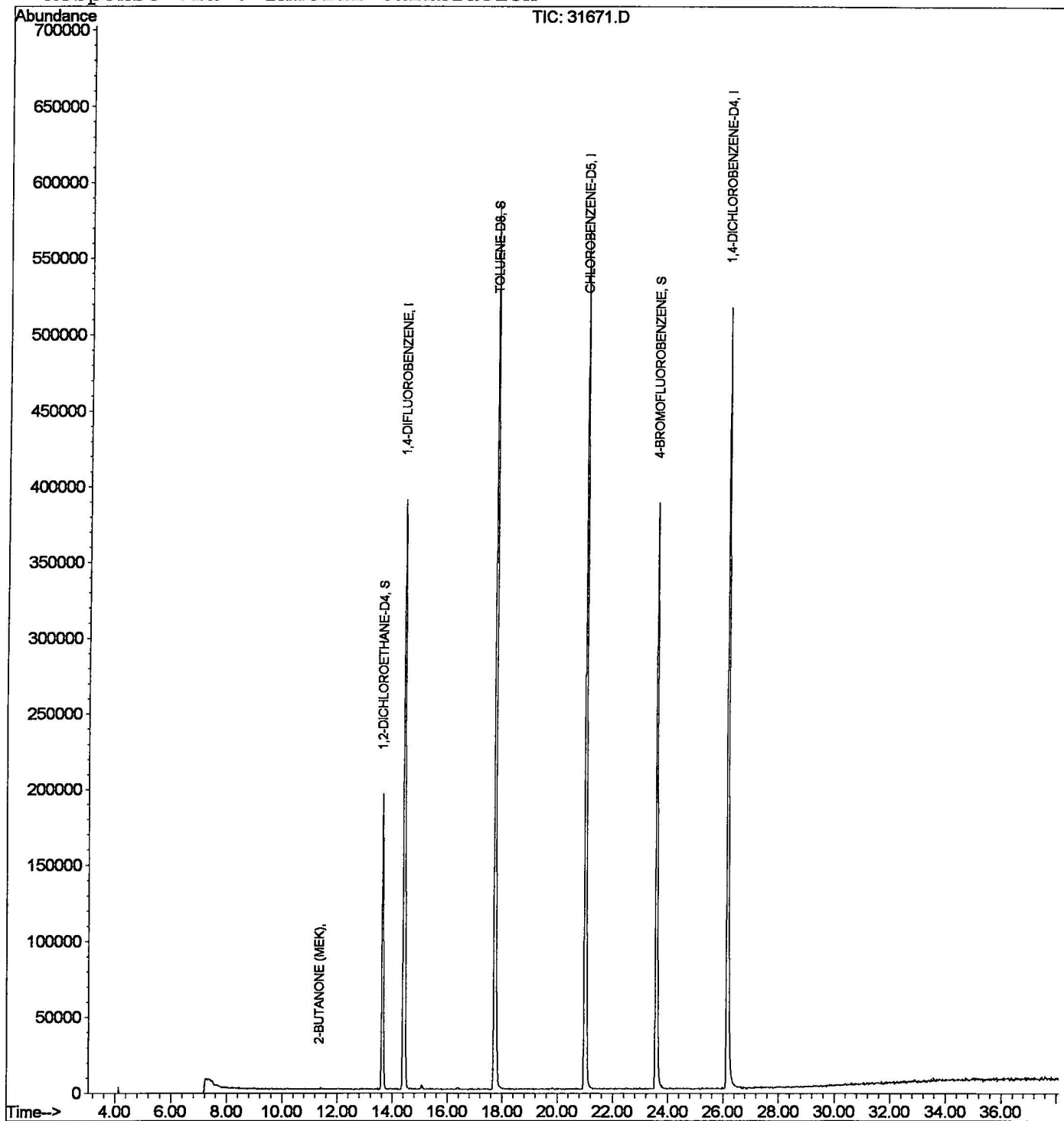
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31671.D
Acq On : 31 Dec 2001 4:56 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 31 17:35 2001

Vial: 9
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Dec 31 09:33:20 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31671.D
 Acq On : 31 Dec 2001 4:56 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

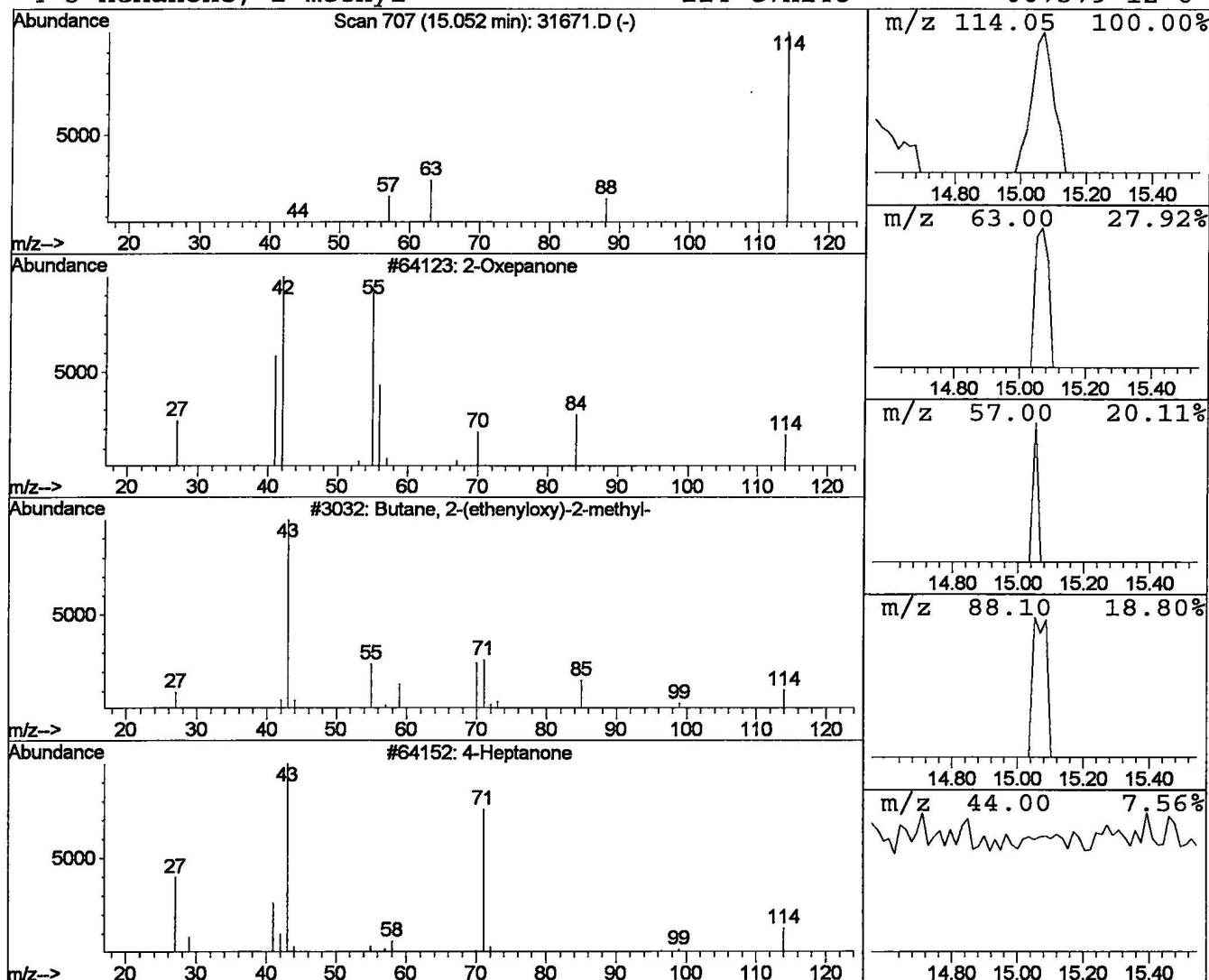
Vial: 9
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 2-Oxepanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	0.03 ug/L	12808	1,4-DIFLUOROBENZENE	14.40

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Oxepanone	114	C6H10O2	000502-44-3	3
2		Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
3		4-Heptanone	114	C7H14O	000123-19-3	3
4		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



User: Baglioni, Walter
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 13:59:59

Sample: AD31672
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/31/01 13:58 Ended: 1/3/02 13:58 Analyst: WB
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY	<i>SV</i>
DATE	<i>1/3/02</i>

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 13:59:59

Sample: AD31672
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/31/01 13:58 Ended: 1/3/02 13:58 Analyst: WB
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC31\31672.D

Vial: 10

Acq On : 31 Dec 2001 5:39 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 31 18:19 2001

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Dec 20 09:38:26 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.42	114	709306	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.01	117	680956	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	332322	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	271742	5.82	ug/L	0.05
Spiked Amount 5.000			Recovery	=	116.40%	
3) 4-BROMOFLUOROBENZENE	23.59	174	225448	4.14	ug/L	0.05
Spiked Amount 5.000			Recovery	=	82.80%	
23) TOLUENE-D8	17.73	98	915740	5.07	ug/L	0.05
Spiked Amount 5.000			Recovery	=	101.40%	
Target Compounds						
10) ACETONE	7.69	43	15126	3.18	ug/L	Qvalue 91
16) 2-BUTANONE (MEK)	11.37	43	1739	0.21	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 31672.D HP121001.M Thu Jan 03 13:57:13 2002

Page 1

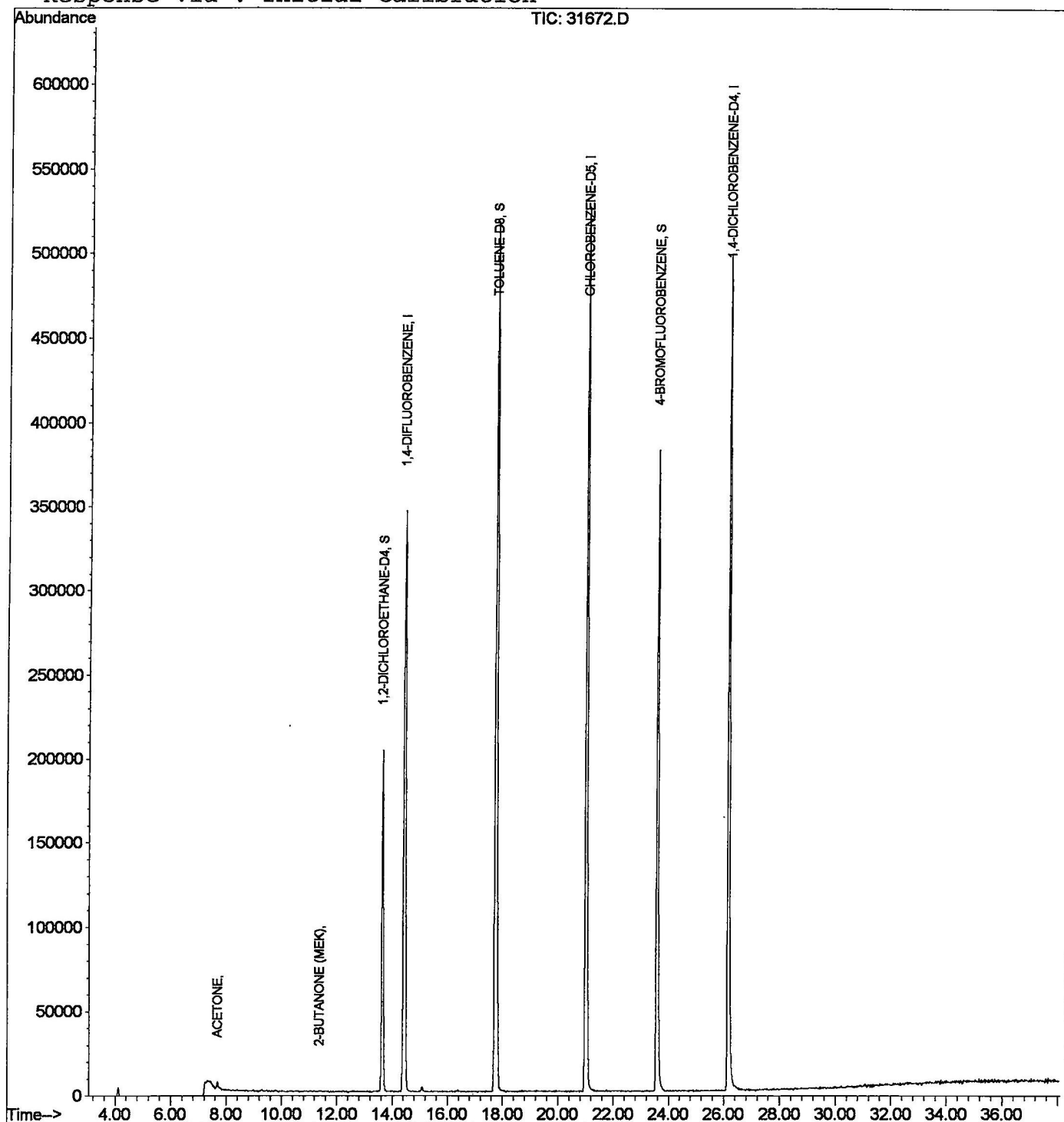
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31672.D
Acq On : 31 Dec 2001 5:39 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 31 18:19 2001

Vial: 10
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Dec 31 09:33:20 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31672.D
 Acq On : 31 Dec 2001 5:39 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

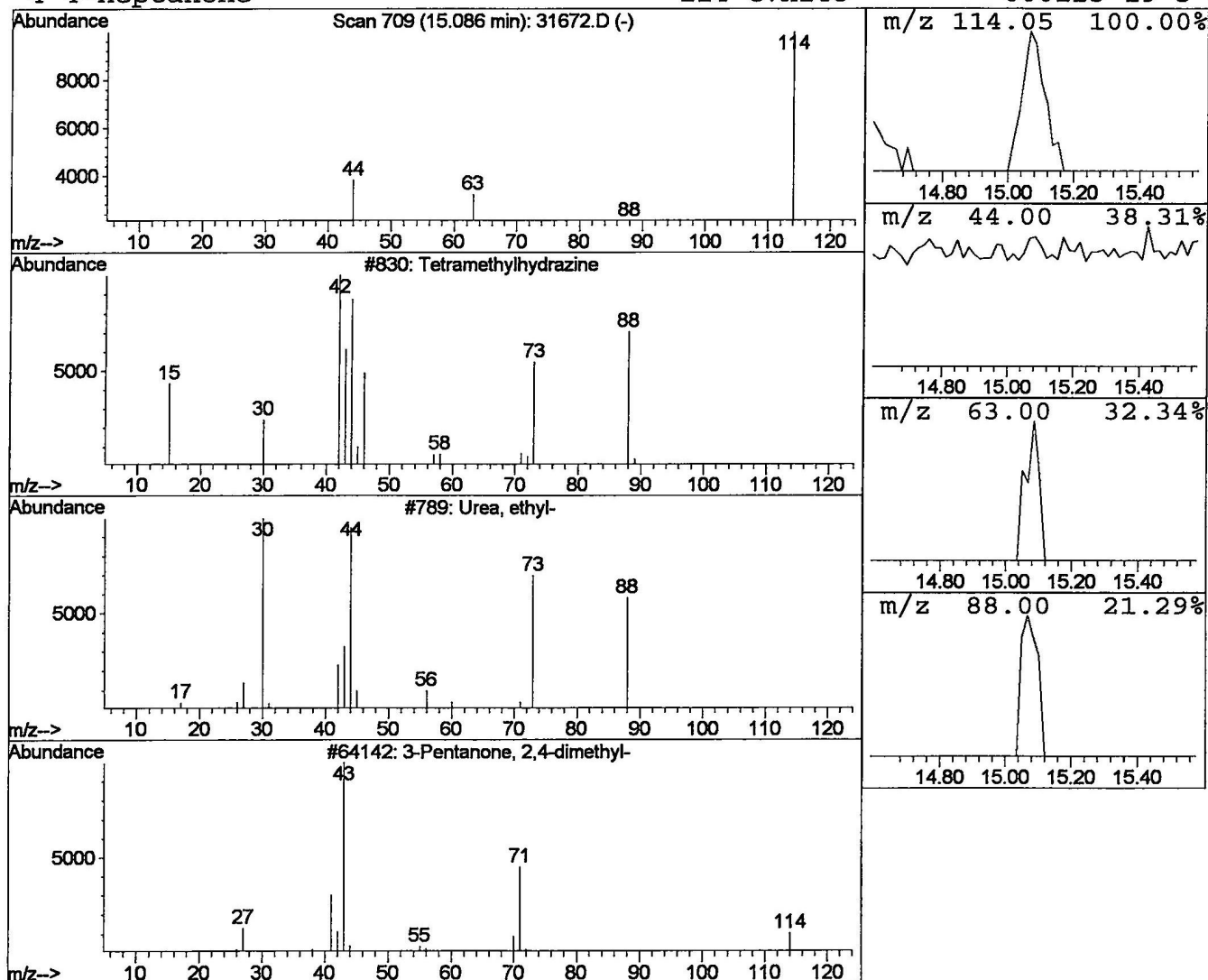
Vial: 10
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 Tetramethylhydrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.04 ug/L	12602	1,4-DIFLUOROBENZENE	14.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
2		Urea, ethyl-	88	C3H8N2O	000625-52-5	4
3		3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4		4-Heptanone	114	C7H14O	000123-19-3	3



User: Baglioni, Walter
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 14:15:47

Sample: AD31671
 Analysis: \$C2524 Volatile Organic Compounds-Cal 2
 Units: ug
 Started: 12/31/01 00:06 Ended: 1/3/02 00:06 Analyst: WB
 Result source: a:\1231c10b.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.4		.5
2	Surr_4-BROMOFLUOROBENZE		5.6		.5
3	Dichlorodifluoromethane		7.4		.5
4	Chloromethane		12		.5
5					
6	Bromomethane		12		.5
7	Chloroethane		13		.5
8	Trichlorofluoromethane		10		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		12		.5
11	Methyl tert-butyl ether (MTBE)		8.5		1.0
12	trans-1,2-dichloroethene		10		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		8.2		2.0
15	2,2-dichloropropane		10		.5
16	cis-1,2-dichloroethene		9.8		.5
17	Chloroform		11		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		4.9		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		11		.5
24	Benzene		10		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		9.5		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		7.8		1.0
30	cis-1,3-dichloropropene		9.7		.5
31	Toluene		9.9		.5
32	trans-1,3-dichloropropene		10		.5
33	1,1,2-trichloroethane		10		.5
34	Tetrachloroethene		9.7		.5
35	1,3-dichloropropane		9.9		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		9.8		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		21		.5
41	O-xylene		11		.5
42	Styrene		11		.5
43	1,1,2,2-tetrachloroethane		13		.5
44	Bromoform		8.2		2.0
45	Isopropylbenzene		7.8		.5
46	1,2,3-trichloropropane		7.9		.5
47	N-propylbenzene		8.4		.5
48	Bromobenzene		8.4		.5

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 14:15:47

Sample: AD31671
Analysis: \$C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 12/31/01 00:06 Ended: 1/3/02 00:06 Analyst: WB
Result source: a:\1231c10b.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		8.1		.5
50	2-chlorotoluene		7.7		.5
51	4-chlorotoluene		9.4		.5
52	TERT-butylbenzene		8.6		.5
53	1,2,4-trimethylbenzene		8.5		.5
54	SEC-butylbenzene		8.7		.5
55	P-isopropyltoluene		8.7		.5
56	1,3-dichlorobenzene		9.5		.5
57	1,4-dichlorobenzene		9.2		.5
58	N-butylbenzene		9.9		.5
59	1,2-dichlorobenzene		9.7		.5
60	1,2,4-trichlorobenzene		10		.5
61	Hexachlobutadiene		9.4		.5
62	Naphthalene		9.9		.5
63	1,2,3-trichlorobenzene		9.8		.5
64	Nitrobenzene		180		5.0

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC31\1231C10B.D
 Acq On : 31 Dec 2001 6:25 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 14:14 2002

Vial: 9
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 03 14:14:40 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.42	114	734566	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.01	117	715471	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.16	152	561631	5.00	ug/L	0.05

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.64	65	238718	4.93	ug/L	0.05
Spiked Amount	5.000		Recovery	=	98.60%	
3) 4-BROMOFLUOROBENZENE	23.59	174	294623	5.23	ug/L	0.05
Spiked Amount	5.000		Recovery	=	104.60%	
23) TOLUENE-D8	17.73	98	933361	4.92	ug/L	0.05
Spiked Amount	5.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.47	85	160078	7.42	ug/L	100
5) CHLOROMETHANE	5.01	50	189226	12.70	ug/L	97
6) VINYL CHLORIDE	5.16	62	237830	16.04	ug/L	98
7) BROMOMETHANE	6.07	94	155889	12.02	ug/L	98
8) CHLOROETHANE	6.20	64	131188	12.91	ug/L	98
9) TRICHLOROFLUOROMETHANE	6.74	101	335763	10.44	ug/L	100
10) ACETONE	7.67	43	48002	9.74	ug/L	98
11) 1,1-DICHLOROETHENE	8.01	61	463337	11.10	ug/L	94
12) METHYLENE CHLORIDE	8.99	49	475289	11.74	ug/L	93
13) METHYL TERT BUTYL ETHER	9.28	73	464977	8.71	ug/L	99
14) TRANS-1,2-DICHLOROETHENE	9.63	61	470610	10.39	ug/L	89
15) 1,1-DICHLOROETHANE	10.50	63	604476	10.70	ug/L	99
16) 2-BUTANONE (MEK)	11.34	43	72318	8.31	ug/L	94
17) 2,2-DICHLOROPROPANE	11.70	77	480466	10.32	ug/L	99
18) CIS-1,2-DICHLOROETHENE	11.80	96	314493	9.94	ug/L	91
19) CHLOROFORM	12.14	83	613922	11.39	ug/L	99
20) BROMOCHLOROMETHANE	12.50	49	287499	11.24	ug/L	99
21) 1,2-DICHLOROETHANE	13.82	62	391104	10.78	ug/L	100
24) 1,1,1-TRICHLOROETHANE	13.01	97	488829	11.12	ug/L	97
25) 1,1-DICHLOROPROPENE	13.35	75	451681	10.41	ug/L	98
26) CARBON TETRACHLORIDE	13.59	117	421691	11.28	ug/L	99
27) BENZENE	13.94	78	1291157	10.24	ug/L	100
28) TRICHLOROETHENE	15.20	95	343288	10.17	ug/L	99
29) 1,2-DICHLOROPROPANE	15.55	63	357126	10.17	ug/L	98
30) DIBROMOMETHANE	16.21	174	118464	9.48	ug/L	91
31) BROMODICHLOROMETHANE	16.06	83	450252	11.13	ug/L	97
32) 2-CHLOROETHYL VINYL ETHER	16.55	63	107310	8.23	ug/L	99
33) Methyl iso-butyl ketone	16.64	58	52633	7.85	ug/L	93

(#) = qualifier out of range (m) = manual integration

1231C10B.D HP121001.M

Thu Jan 03 14:15:02 2002

Page 1

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC31\1231C10B.D
 Acq On : 31 Dec 2001 6:25 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 3 14:14 2002

Vial: 9
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Jan 03 14:14:40 2002
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.15	75	493574	9.74	ug/L	99
35) TOLUENE	17.91	91	1408884	9.90	ug/L	100
36) TRANS-1,3-DICHLOROPROPENE	18.19	75	407354	10.35	ug/L	98
37) 1,1,2-TRICHLOROETHANE	18.56	97	196544	10.09	ug/L	98
38) TETRACHLOROETHENE	19.33	166	326727	9.74	ug/L	99
39) 1,3-DICHLOROPROPANE	19.09	76	373728	9.93	ug/L	98
40) DIBROMOCHLOROMETHANE	19.75	129	246797	10.42	ug/L	98
41) 1,2-DIBROMOETHANE	20.21	107	175580	9.47	ug/L	98
42) CHLOROBENZENE	21.10	112	922989	9.75	ug/L	99
43) 1,1,1,2-TETRACHLOROETHANE	21.13	131	322228	10.45	ug/L	97
44) 2-HEXANONE	18.48	43	103165	9.21	ug/L	98
45) ETHYLBENZENE	21.13	91	1838342	10.49	ug/L	99
46) P & M-XYLENE	21.30	106	1373929	20.87	ug/L	99
47) O-XYLENE	22.26	91	1571089	11.25	ug/L	99
48) STYRENE	22.33	104	1175133	10.82	ug/L	98
49) 1,1,2,2-TETRACHLOROETHANE	23.33	83	265288	12.73	ug/L	99
51) BROMOFORM	23.16	173	139193	8.20	ug/L	97
52) ISOPROPYLBENZENE	22.99	105	1921469	7.83	ug/L	97
53) 1,2,3-TRICHLOROPROPANE	23.66	110	70665	7.90	ug/L	98
54) N-PROPYLBENZENE	23.86	91	2658245	8.36	ug/L	98
55) BROMOBENZENE	24.08	156	438970	8.40	ug/L	90
56) 1,3,5-TRIMETHYLBENZENE	24.17	105	1721115	8.12	ug/L	99
57) 2-CHLOROTOLUENE	24.32	91	1544096	7.65	ug/L	95
58) 4-CHLOROTOLUENE	24.40	91	1702019	9.42	ug/L	98
59) TERT-BUTYLBENZENE	24.97	134	391020	8.64	ug/L	90
60) 1,2,4-TRIMETHYLBENZENE	25.05	105	1860200	8.46	ug/L	99
61) SEC-BUTYLBENZENE	25.41	105	2566896	8.70	ug/L	98
62) P-ISOPROPYLTOLUENE	25.68	119	2071887	8.75	ug/L	98
63) 1,3-DICHLOROBENZENE	26.02	146	1067991	9.46	ug/L	98
64) 1,4-DICHLOROBENZENE	26.23	146	1043784	9.24	ug/L	98
65) N-BUTYLBENZENE	26.55	91	2236845	9.87	ug/L	99
66) 1,2-DICHLOROBENZENE	27.08	146	907855	9.74	ug/L	97
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.72	157	44928	9.43	ug/L	90
68) NITROBENZENE	28.92	77	362914	184.77	ug/L	95
69) 1,2,4-TRICHLOROBENZENE	30.66	180	514577	9.96	ug/L	100
70) HEXACHLOROBUTADIENE	30.91	225	293951	9.36	ug/L	98
71) NAPHTHALENE	31.32	128	564572	9.91	ug/L	100
72) 1,2,3-TRICHLOROBENZENE	31.88	180	371481	9.80	ug/L	98

(#) = qualifier out of range (m) = manual integration
 1231C10B.D HP121001.M Thu Jan 03 14:15:05 2002

Page 2

User: Baglioni, Walter
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 13:55:32

Sample: AD31674
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/31/01 00:04 Ended: 1/3/02 00:04 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY BV
 DATE 1/3/02

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 13:55:32

Sample: AD31674
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/31/01 00:04 Ended: 1/3/02 00:04 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AD31674 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 01-03-2002 Time: 15:30:37

CARBON DISULFIDE IS PRESENT IN THIS SAMPLE AS A TENTATIVELY IDENTIFIED COMPOUND.
THE ESTIMATED CONCENTRATION IS 0.15 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC31\31674.D Vial: 10
 Acq On : 31 Dec 2001 8:03 pm Operator: 206-BH
 Sample : nyc Inst : GC/MS Ins
 Misc : Multiplr: 1.00
 MS Integration Params: LSCINT.P
 Quant Time: Dec 31 20:43 2001 Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.44	114	682212	5.00	ug/L	0.08
22) CHLOROBENZENE-D5	21.01	117	643549	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	306621	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	257764	5.74	ug/L	0.05
Spiked Amount 5.000			Recovery	=	114.80%	
3) 4-BROMOFLUOROBENZENE	23.59	174	214123	4.09	ug/L	0.05
Spiked Amount 5.000			Recovery	=	81.80%	
23) TOLUENE-D8	17.74	98	890890	5.22	ug/L	0.07
Spiked Amount 5.000			Recovery	=	104.40%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.41	43	1614	0.20	ug/L	Qvalue 64

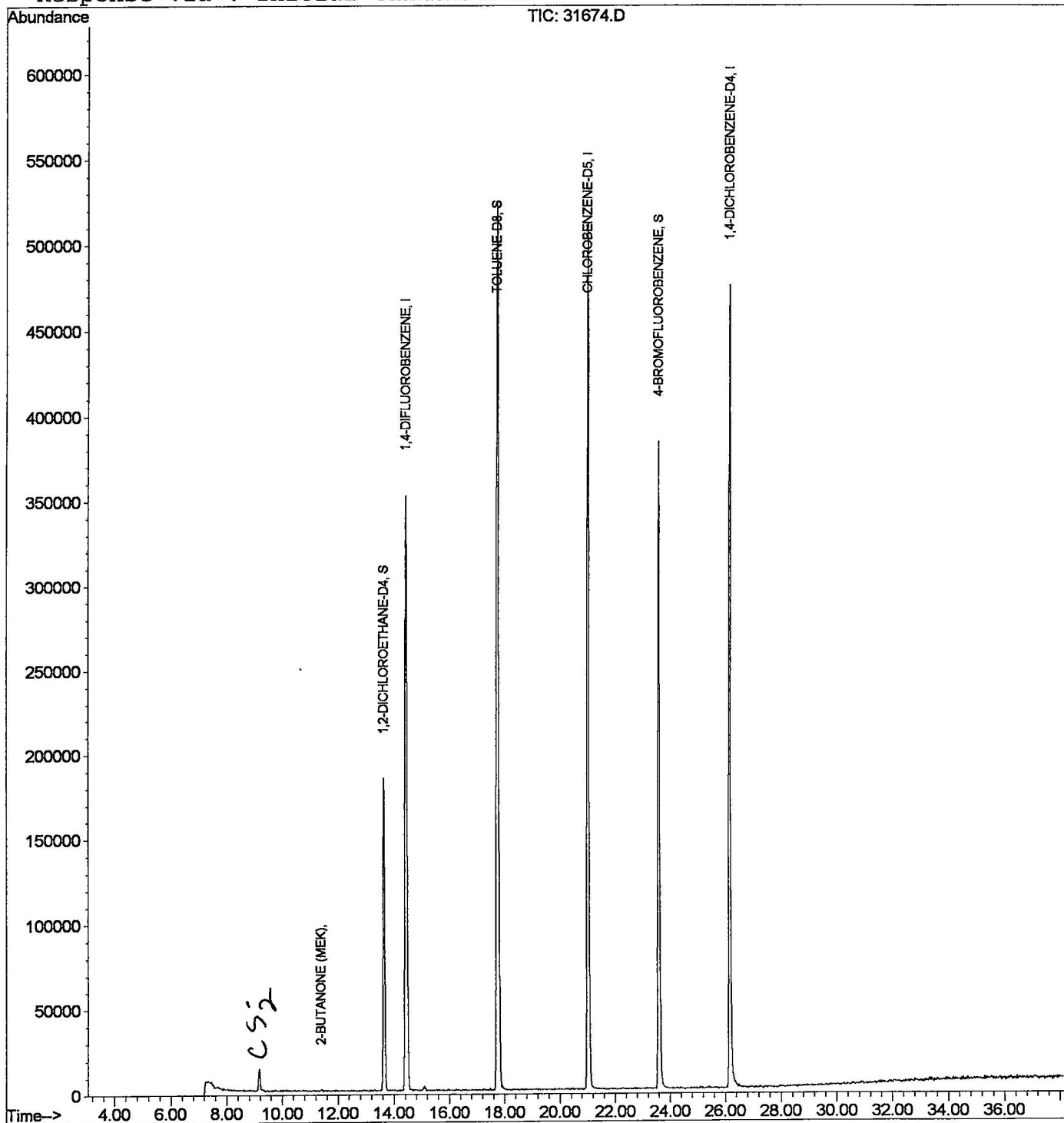
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31674.D
 Acq On : 31 Dec 2001 8:03 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 31 20:43 2001

Vial: 10
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Dec 31 09:33:20 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31674.D
 Acq On : 31 Dec 2001 8:03 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

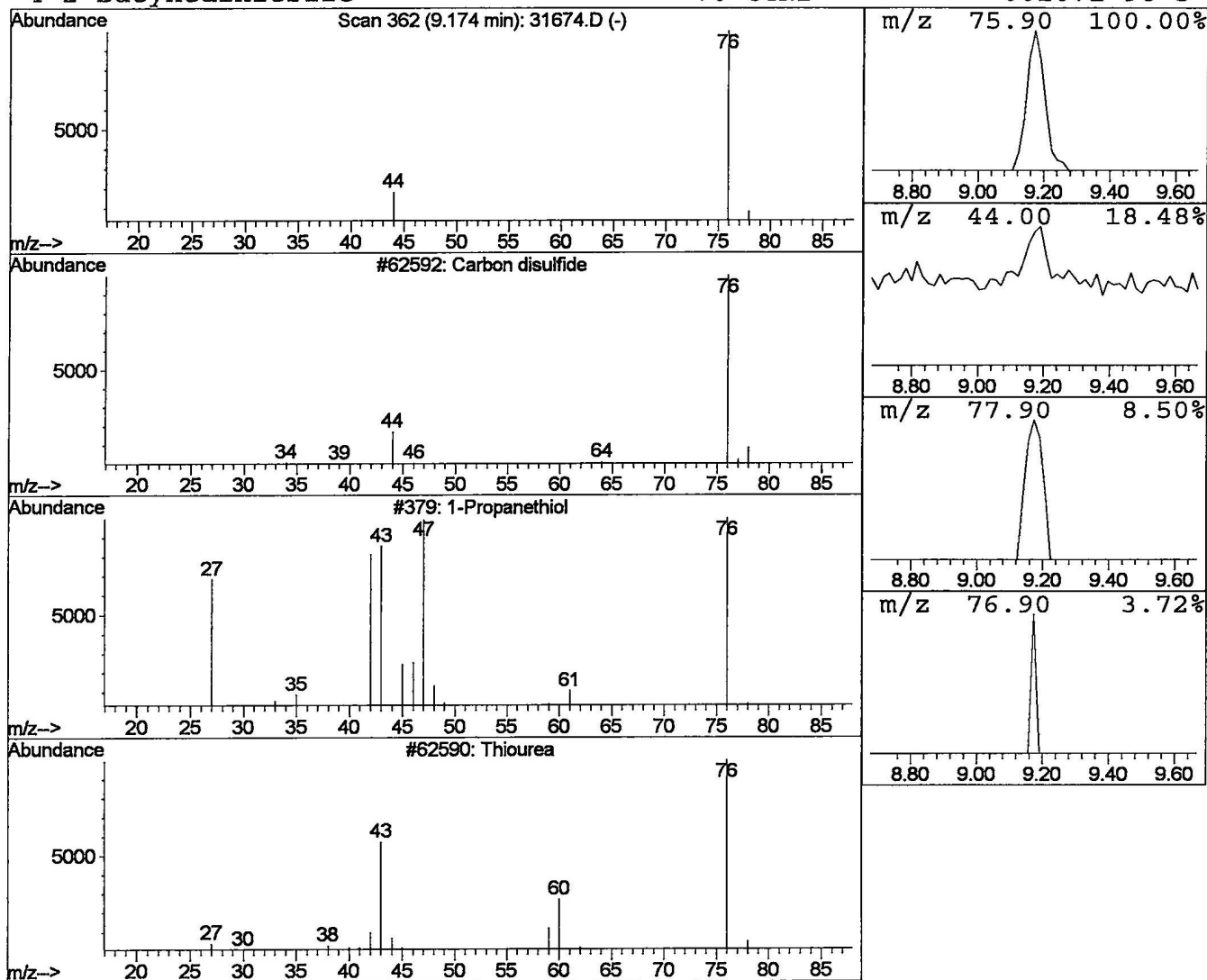
Vial: 10
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 Carbon disulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	0.15 ug/L	50830	1,4-DIFLUOROBENZENE	14.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbon disulfide	76	CS2	000075-15-0	9
2			1-Propanethiol	76	C3H8S	000107-03-9	4
3			Thiourea	76	CH4N2S	000062-56-6	4
4			2-Butynedinitrile	76	C4N2	001071-98-3	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31674.D
 Acq On : 31 Dec 2001 8:03 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

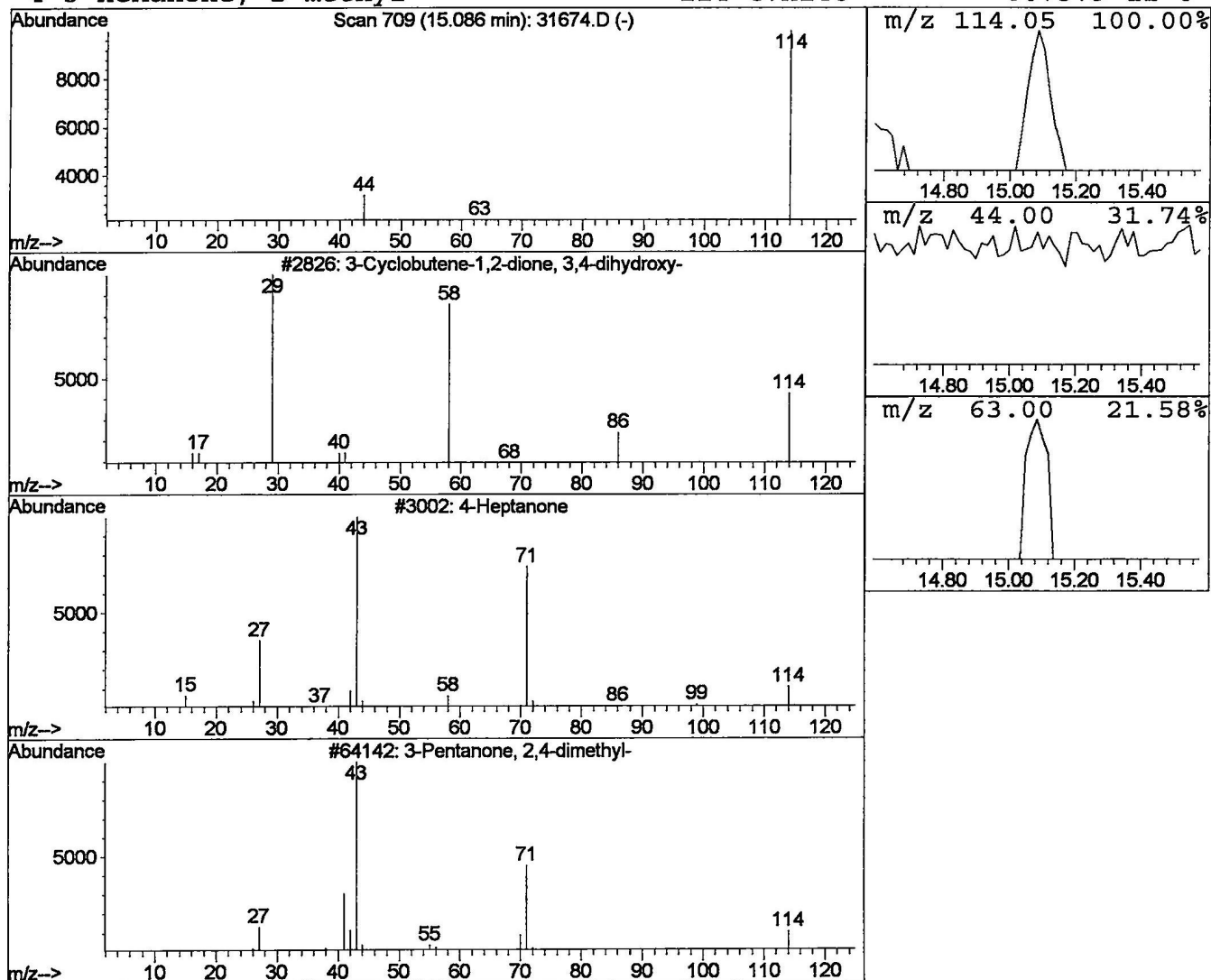
Vial: 10
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 4 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.04 ug/L	14419	1,4-DIFLUOROBENZENE	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2		4-Heptanone	114	C7H14O	000123-19-3	3
3		3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3



User: Baglioni, Walter
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 13:58:47

Sample: AD31675
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/31/01 00:04 Ended: 1/3/02 00:04 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.6		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.1		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
 DATE 1/3/02

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 13:58:47

Sample: AD31675
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/31/01 00:04 Ended: 1/3/02 00:04 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AD31675 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 01-03-2002 Time: 15:44:38

CARBON DISULFIDE IS PRESENT IN THIS SAMPLE AS A TENTATIVELY IDENTIFIED COMPOUND.
THE ESTIMATED CONCENTRATION IS 0.40 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC31\31675.D Vial: 11
 Acq On : 31 Dec 2001 8:49 pm Operator: 206-BH
 Sample : nyc Inst : GC/MS Ins
 Misc : Multiplr: 1.00
 MS Integration Params: LSCINT.P
 Quant Time: Dec 31 21:29 2001 Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.44	114	671250	5.00	ug/L	0.09
22) CHLOROBENZENE-D5	21.02	117	630196	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	294060	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.66	65	245949	5.56	ug/L	0.07
Spiked Amount 5.000			Recovery	=	111.20%	
3) 4-BROMOFLUOROBENZENE	23.61	174	203327	3.95	ug/L	0.07
Spiked Amount 5.000			Recovery	=	79.00%	
23) TOLUENE-D8	17.74	98	858500	5.14	ug/L	0.07
Spiked Amount 5.000			Recovery	=	102.80%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.39	43	1173	0.15	ug/L	Qvalue 64

(#) = qualifier out of range (m) = manual integration

31675.D HP121001.M Thu Jan 03 16:25:51 2002

Page 1

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31675.D
 Acq On : 31 Dec 2001 8:49 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

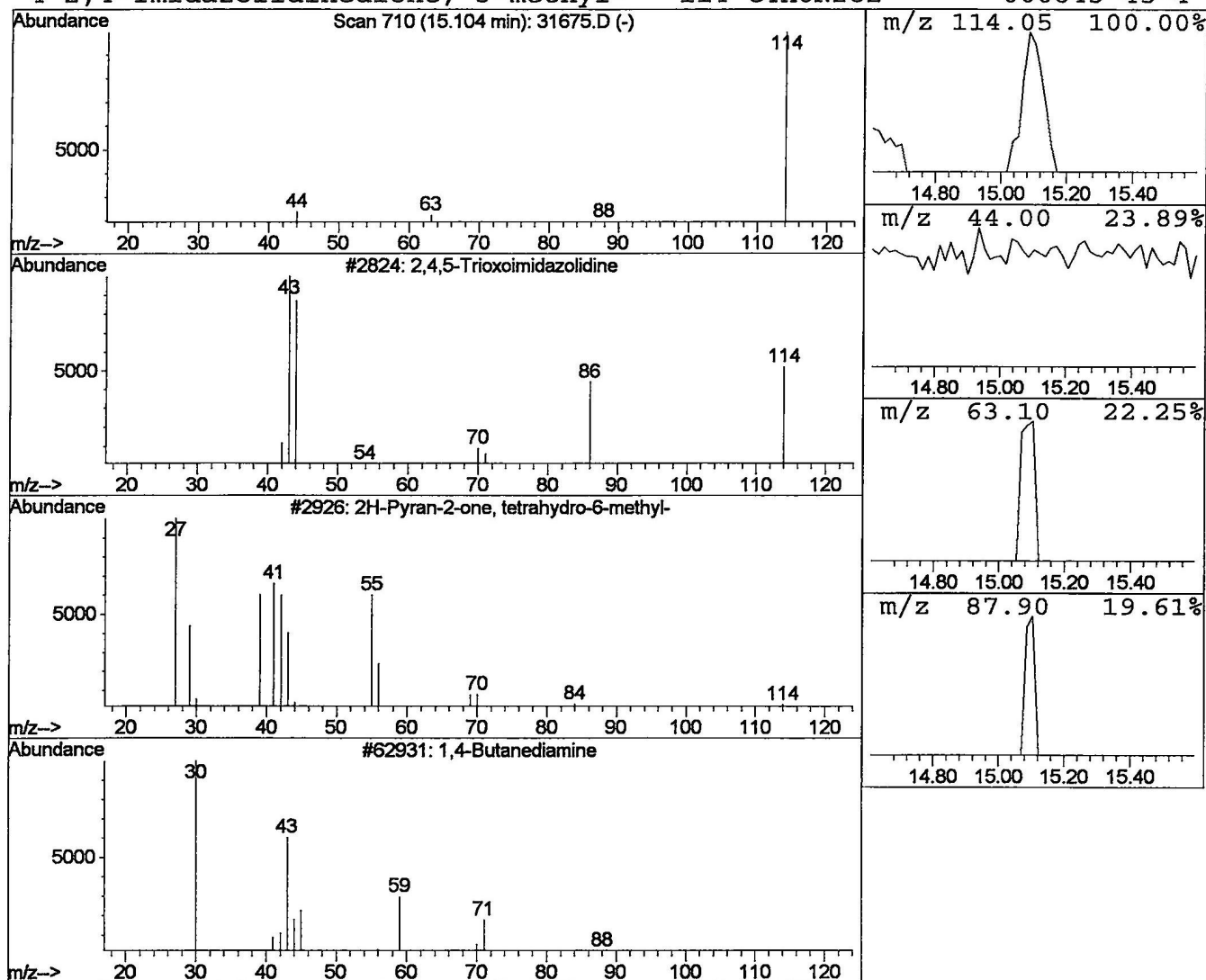
Vial: 11
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2,4,5-Trioxoimidazolidine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.04 ug/L	12736	1,4-DIFLUOROBENZENE	14.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	5	
2	2H-Pyran-2-one, tetrahydro-6-methyl	114	C6H10O2	000823-22-3	3	
3	1,4-Butanediamine	88	C4H12N2	000110-60-1	3	
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3	



User: Baglioni, Walter
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 14:01:25

Sample: AD31676
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/31/01 11:34 Ended: 1/3/02 11:34 Analyst: WB
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.6		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.0		0.5
3	Dichlorodifluoromethane		< MDL		0.5
4	Chloromethane		< MDL		0.5
5	Vinyl chloride		< MDL		0.5
6	Bromomethane		< MDL		0.5
7	Chloroethane		< MDL		0.5
8	Trichlorofluoromethane		< MDL		0.5
9	1,1-Dichloroethene		< MDL		0.5
10	Methylene Chloride		< MDL		0.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		0.5
13	1,1-dichloroethane		< MDL		0.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		0.5
16	cis-1,2-dichloroethene		< MDL		0.5
17	*THM-Chloroform		< MDL		0.5
18	Bromochloromethane		< MDL		0.5
19	1,2-dichloroethane		< MDL		0.5
20	Surr - TOLUENE-D8		5.2		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY	<i>WV</i>
DATE	<i>1/3/02</i>

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 14:01:25

Sample: AD31676
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/31/01 11:34 Ended: 1/3/02 11:34 Analyst: WB
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		0.5
50	2-chlorotoluene		< MDL		0.5
51	4-chlorotoluene		< MDL		0.5
52	TERT-butylbenzene		< MDL		0.5
53	1,2,4-trimethylbenzene		< MDL		0.5
54	SEC-butylbenzene		< MDL		0.5
55	P-isopropyltoluene		< MDL		0.5
56	1,3-dichlorobenzene		< MDL		0.5
57	1,4-dichlorobenzene		< MDL		0.5
58	N-butylbenzene		< MDL		0.5
59	1,2-dichlorobenzene		< MDL		0.5
60	1,2,4-trichlorobenzene		< MDL		0.5
61	Hexachlorobutadiene		< MDL		0.5
62	Naphthalene		< MDL		0.5
63	1,2,3-trichlorobenzene		< MDL		0.5

Comments for Sample AD31676 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 01-03-2002 Time: 15:46:10

CARBON DISULFIDE IS PRESENT IN THIS SAMPLE AS A TENTATIVELY IDENTIFIED COMPOUND.
THE ESTIMATED CONCENTRATION IS 0.17 ug/L.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC31\31676.D

Vial: 12

Acq On : 31 Dec 2001 9:35 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 31 22:15 2001

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)

Title : VOCs BY EPA METHOD 524

Last Update : Thu Dec 20 09:38:26 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.46	114	641948	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.02	117	608262	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	283611	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.66	65	237985	5.63	ug/L	0.07
Spiked Amount 5.000			Recovery	=	112.60%	
3) 4-BROMOFLUOROBENZENE	23.59	174	195537	3.97	ug/L	0.05
Spiked Amount 5.000			Recovery	=	79.40%	
23) TOLUENE-D8	17.76	98	845158	5.24	ug/L	0.09
Spiked Amount 5.000			Recovery	=	104.80%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.39	43	1346	0.18	ug/L	Qvalue 64

(#) = qualifier out of range (m) = manual integration

31676.D HP121001.M Thu Jan 03 16:29:32 2002

Page 1

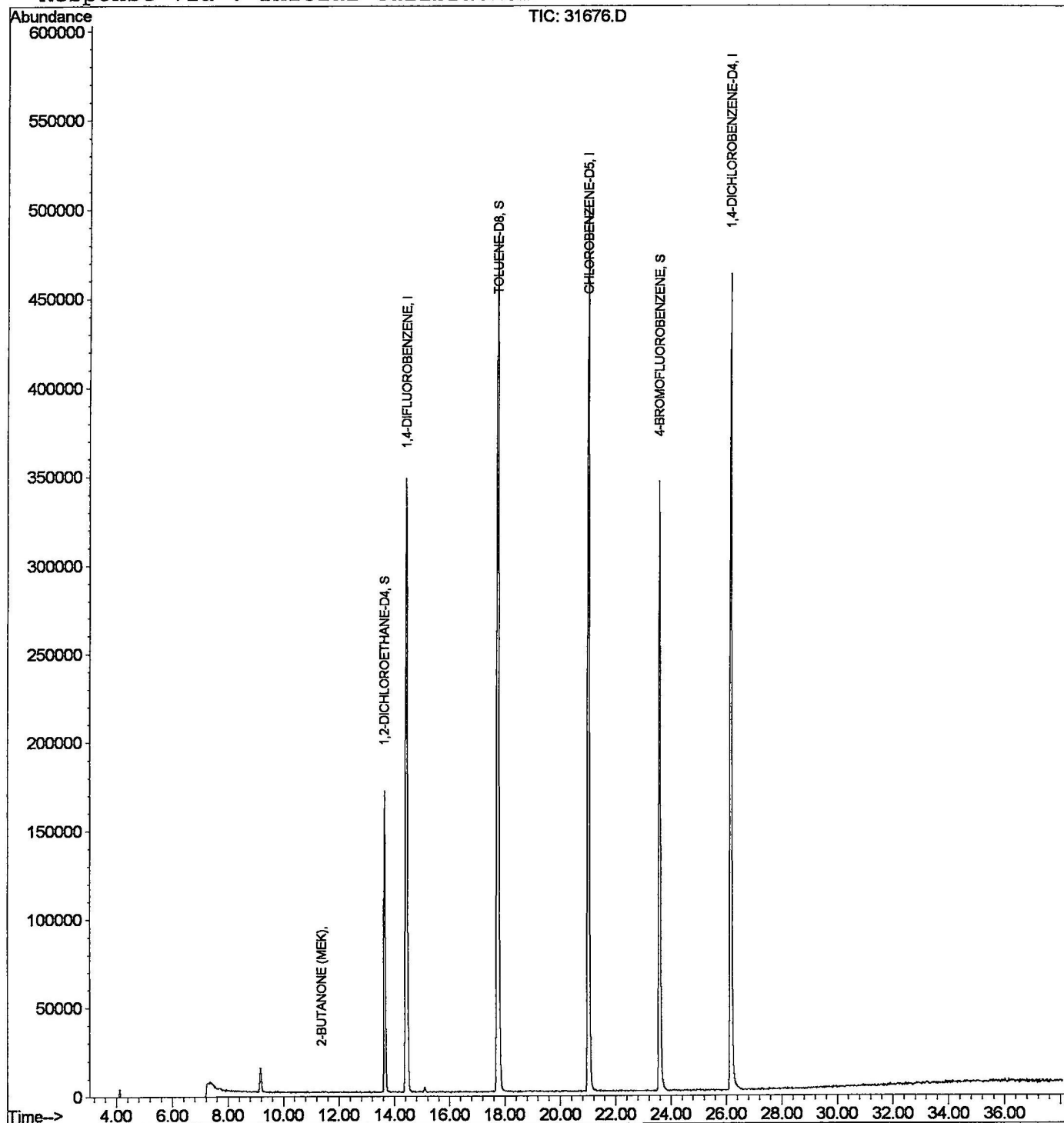
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31676.D
 Acq On : 31 Dec 2001 9:35 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 31 22:15 2001

Vial: 12
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31676.D
 Acq On : 31 Dec 2001 9:35 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

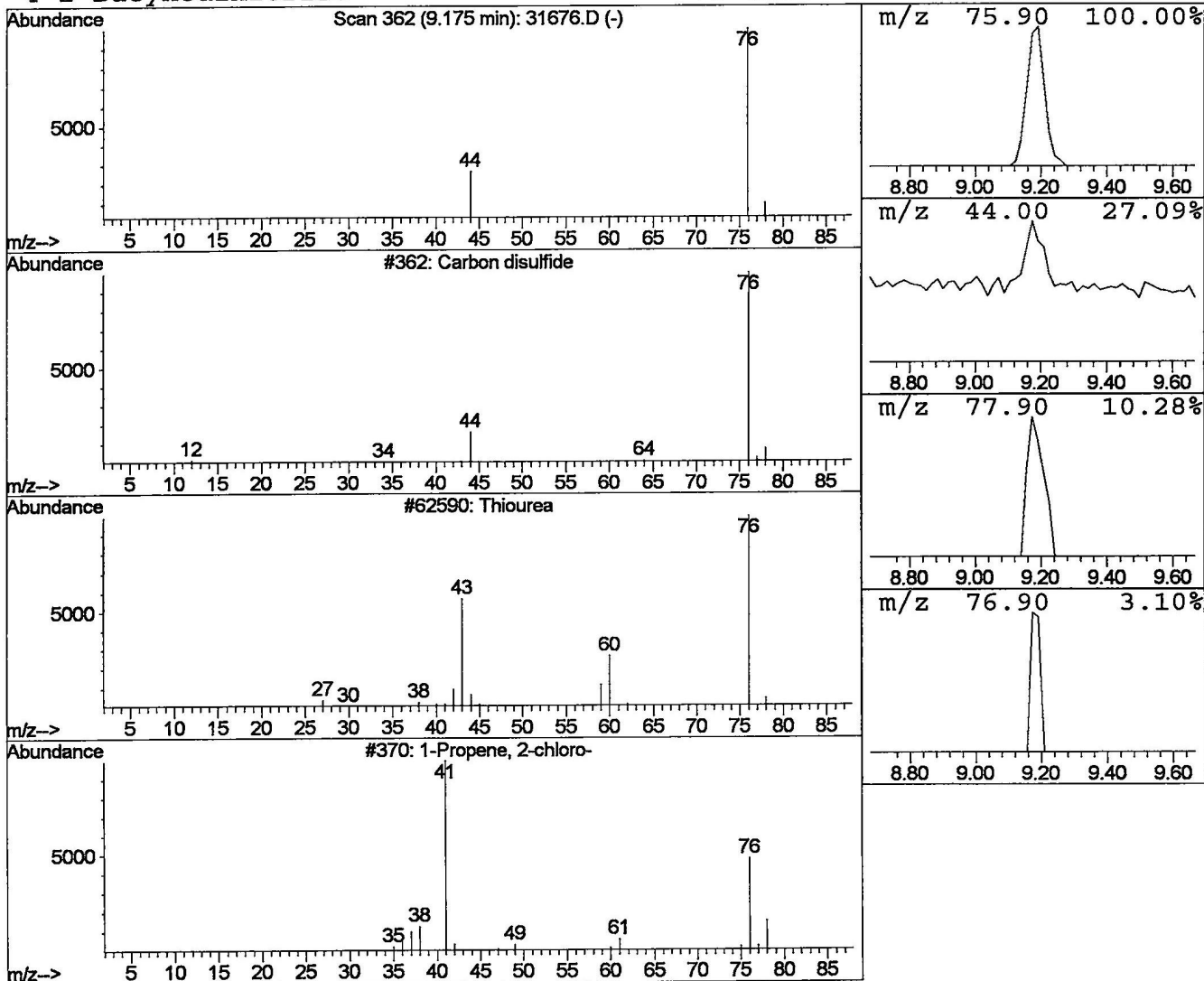
Vial: 12
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Carbon disulfide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	0.17 ug/L	54813	1,4-DIFLUOROBENZENE	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbon disulfide	76	CS2	000075-15-0	5
2		Thiourea	76	CH4N2S	000062-56-6	4
3		1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	3
4		2-Butynedinitrile	76	C4N2	001071-98-3	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31676.D
 Acq On : 31 Dec 2001 9:35 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

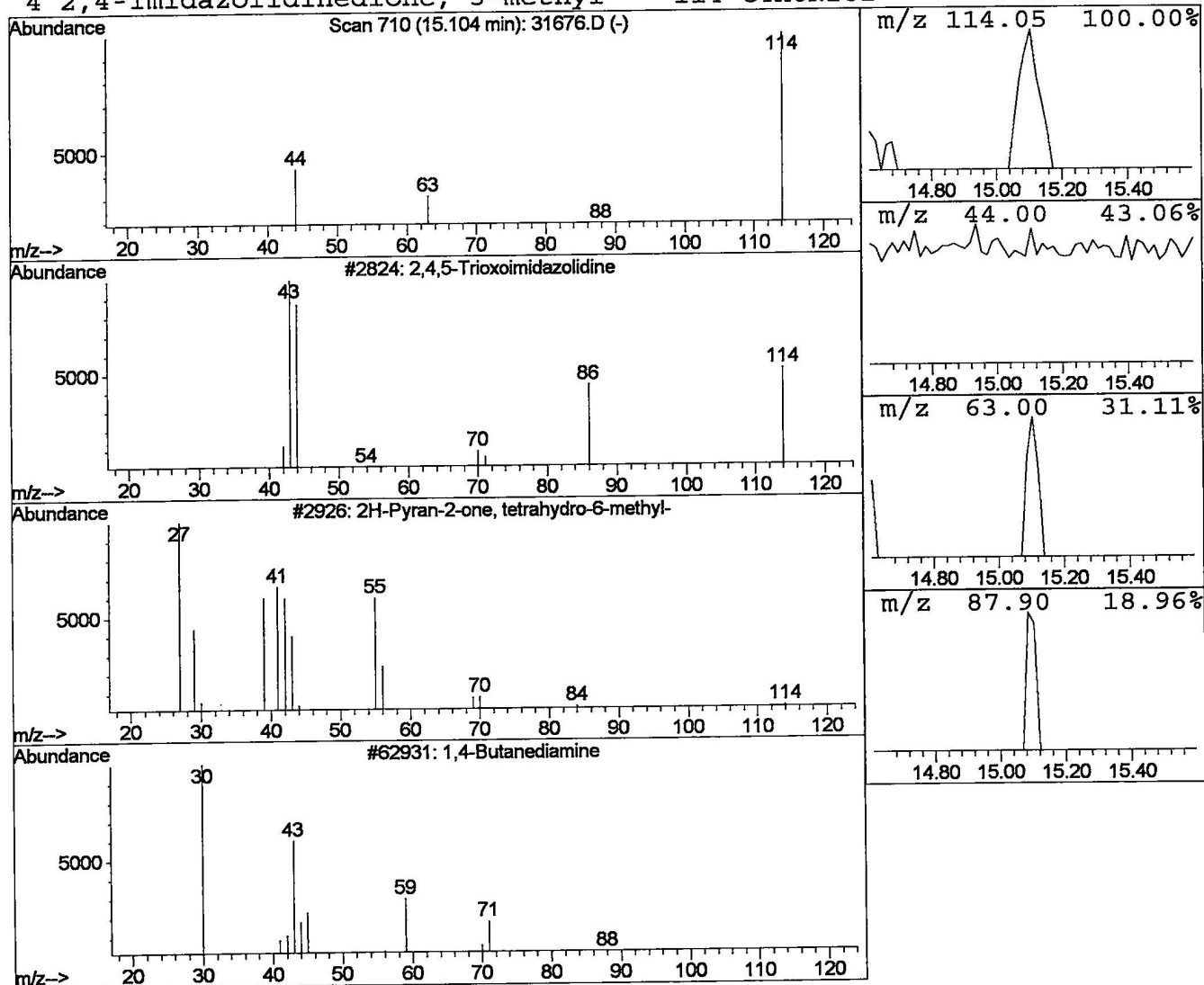
Vial: 12
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2,4,5-Trioxoimidazolidine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.03 ug/L	10055	1,4-DIFLUOROBENZENE	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	5
2			2H-Pyran-2-one, tetrahydro-6-methyl	114	C6H10O2	000823-22-3	3
3			1,4-Butanediamine	88	C4H12N2	000110-60-1	3
4			2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



User: Baglioni, Walter
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 14:04:24

Sample: AD31670
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 12/31/01 00:04 Ended: 1/3/02 00:04 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.6		.5
2	Surr_4-BROMOFLUOROBENZE		4.0		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.1		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 14:04:24

Sample: AD31670
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 12/31/01 00:04 Ended: 1/3/02 00:04 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC31\31670F.D
 Acq On : 31 Dec 2001 11:06 pm
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 31 23:46 2001

Vial: 14
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.46	114	615765	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.03	117	595577	5.00	ug/L	0.07
50) 1,4-DICHLOROBENZENE-D4	26.18	152	269157	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.66	65	228211	5.63	ug/L	0.07
Spiked Amount 5.000			Recovery	=	112.60%	
3) 4-BROMOFLUOROBENZENE	23.61	174	187195	3.96	ug/L	0.07
Spiked Amount 5.000			Recovery	=	79.20%	
23) TOLUENE-D8	17.76	98	804718	5.10	ug/L	0.09
Spiked Amount 5.000			Recovery	=	102.00%	
Target Compounds						
10) ACETONE	7.69	43	22372	5.42	ug/L	Qvalue 99

 (#) = qualifier out of range (m) = manual integration
 31670F.D HP121001.M Thu Jan 03 13:18:12 2002

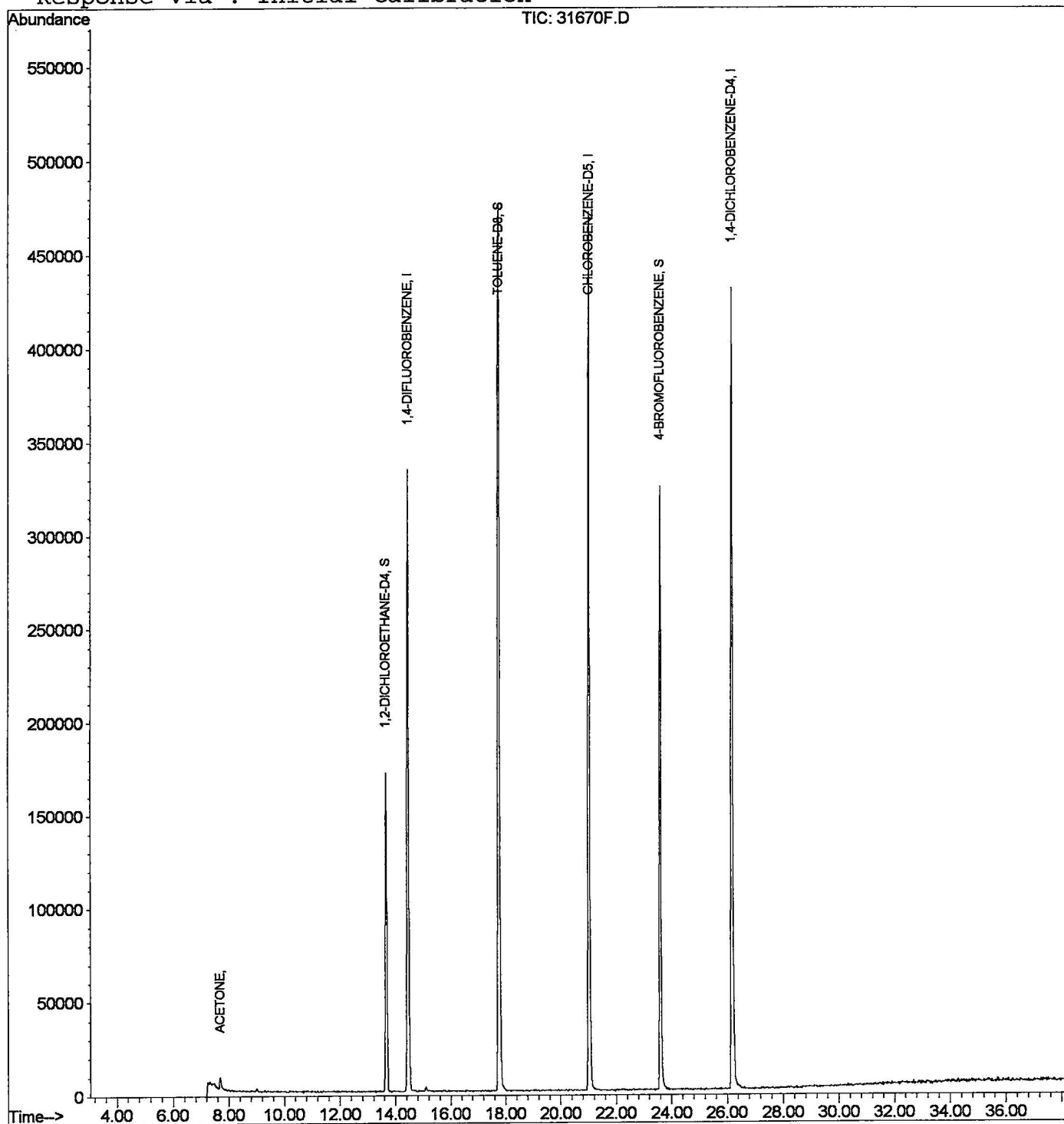
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31670F.D
Acq On : 31 Dec 2001 11:06 pm
Sample : nyc; fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 31 23:46 2001

Vial: 14
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Mon Dec 31 09:33:20 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31670F.D
 Acq On : 31 Dec 2001 11:06 pm
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P

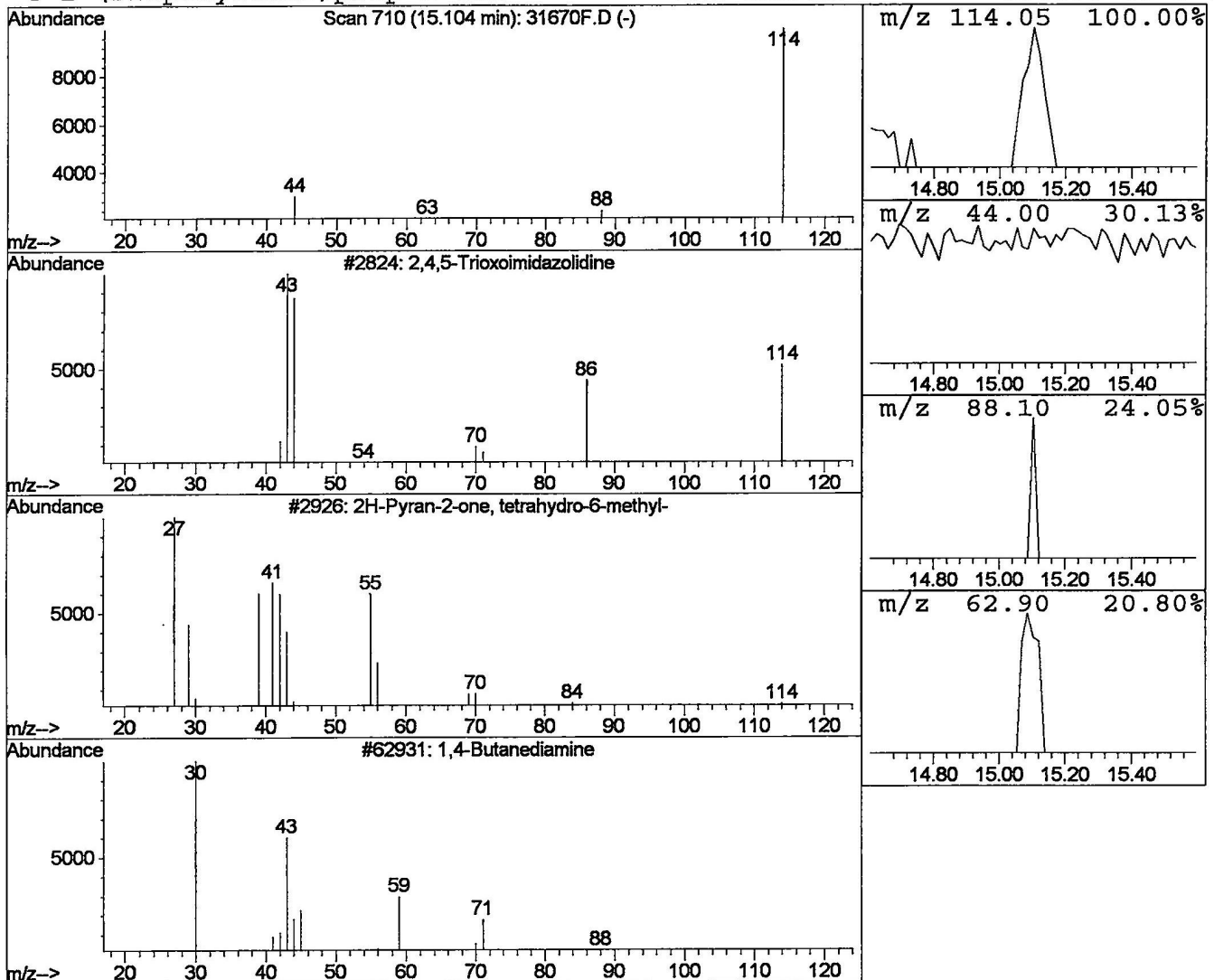
Vial: 14
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2,4,5-Trioxoimidazolidine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.03 ug/L	10032	1,4-DIFLUOROBENZENE	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	5
2		2H-Pyran-2-one, tetrahydro-6-methyl	114	C6H10O2	000823-22-3	3
3		1,4-Butanediamine	88	C4H12N2	000110-60-1	3
4		1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3



User: Baglioni, Walter
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 14:08:02

Sample: AD31676
 Analysis: \$F_524\$ Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 12/31/01 14:07 Ended: 1/3/02 14:07 Analyst: WB
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-D		5.5		.5
2	Surr_4-BROMOFLUOROBENZE		3.9		.5
3	Dichlorodifluoromethane		< MDL		.5
4	Chloromethane		< MDL		.5
5	Vinyl chloride		< MDL		.5
6	Bromomethane		< MDL		.5
7	Chloroethane		< MDL		.5
8	Trichlorofluoromethane		< MDL		.5
9	1,1-Dichloroethene		< MDL		.5
10	Methylene Chloride		< MDL		.5
11	Methyl tert-butyl ether (MTBE)		< MDL		1.0
12	trans-1,2-dichloroethene		< MDL		.5
13	1,1-dichloroethane		< MDL		.5
14	2-butanone (MEK)		< MDL		2.0
15	2,2-dichloropropane		< MDL		.5
16	cis-1,2-dichloroethene		< MDL		.5
17	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		5.2		.5
21	1,1,1- trichloroethane		< MDL		.5
22	1,1-dichloropropene		< MDL		.5
23	Carbon tetrachloride		< MDL		.5
24	Benzene		< MDL		.5
25	Trichloroethene		< MDL		.5
26	1,2-dichloropropane		< MDL		.5
27	Dibromomethane		< MDL		.5
28	Bromodichloromethane		< MDL		.5
29	Methy iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		.5
31	Toluene		< MDL		.5
32	trans-1,3-dichloropropene		< MDL		.5
33	1,1,2-trichloroethane		< MDL		.5
34	Tetrachloroethene		< MDL		.5
35	1,3-dichloropropane		< MDL		.5
36	Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		.5
38	1,1,1,2-tetrachloroethane		< MDL		.5
39	Ethylbenzene		< MDL		.5
40	P & M-xylene		< MDL		.5
41	O-xylene		< MDL		.5
42	Styrene		< MDL		.5
43	1,1,2,2-tetrachloroethane		< MDL		.5
44	Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		.5
46	1,2,3-trichloropropane		< MDL		.5
47	N-propylbenzene		< MDL		.5
48	Bromobenzene		< MDL		.5

User: Baglioni, Walter
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 14:08:02

Sample: AD31676
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 12/31/01 14:07 Ended: 1/3/02 14:07 Analyst: WB
Result source: manual entry
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		< MDL		.5
50	2-chlorotoluene		< MDL		.5
51	4-chlorotoluene		< MDL		.5
52	TERT-butylbenzene		< MDL		.5
53	1,2,4-trimethylbenzene		< MDL		.5
54	SEC-butylbenzene		< MDL		.5
55	P-isopropyltoluene		< MDL		.5
56	1,3-dichlorobenzene		< MDL		.5
57	1,4-dichlorobenzene		< MDL		.5
58	N-butylbenzene		< MDL		.5
59	1,2-dichlorobenzene		< MDL		.5
60	1,2,4-trichlorobenzene		< MDL		.5
61	Hexachlobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC31\31676F.D
 Acq On : 31 Dec 2001 11:51 pm
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 1 0:32 2002

Vial: 15
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Thu Dec 20 09:38:26 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.46	114	624458	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.03	117	575146	5.00	ug/L	0.07
50) 1,4-DICHLOROBENZENE-D4	26.18	152	264485	5.00	ug/L	0.07
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.66	65	227896	5.54	ug/L	0.07
Spiked Amount	5.000		Recovery	=	110.80%	
3) 4-BROMOFLUOROBENZENE	23.61	174	186821	3.90	ug/L	0.07
Spiked Amount	5.000		Recovery	=	78.00%	
23) TOLUENE-D8	17.76	98	796250	5.22	ug/L	0.09
Spiked Amount	5.000		Recovery	=	104.40%	
Target Compounds						
10) ACETONE	7.69	43	29915	7.14	ug/L	Qvalue 97

 (#) = qualifier out of range (m) = manual integration
 31676F.D HP121001.M Thu Jan 03 13:19:25 2002

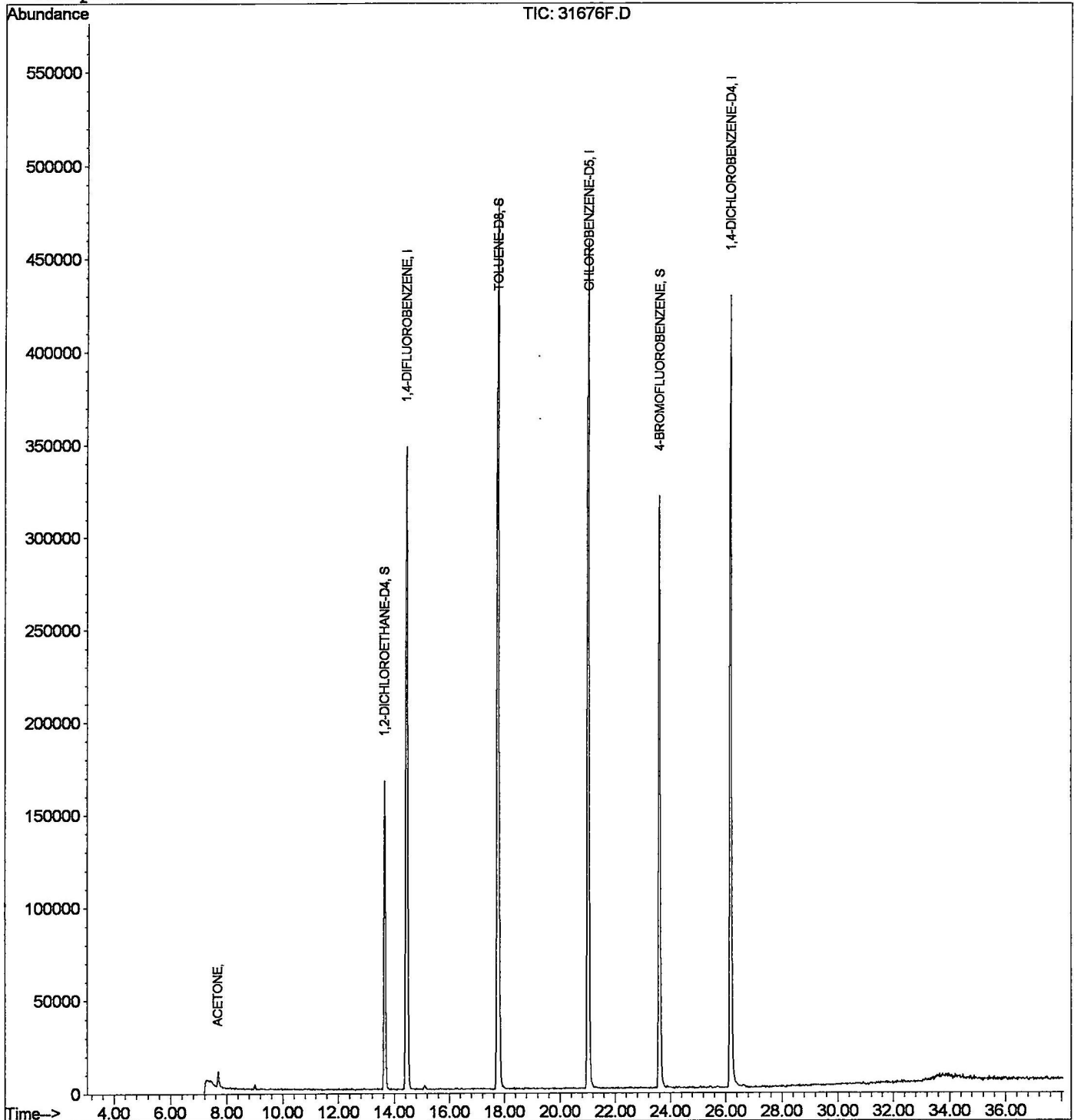
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31676F.D
 Acq On : 31 Dec 2001 11:51 pm
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Jan 1 0:32 2002

Vial: 15
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : Mon Dec 31 09:33:20 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31676F.D
 Acq On : 31 Dec 2001 11:51 pm
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P

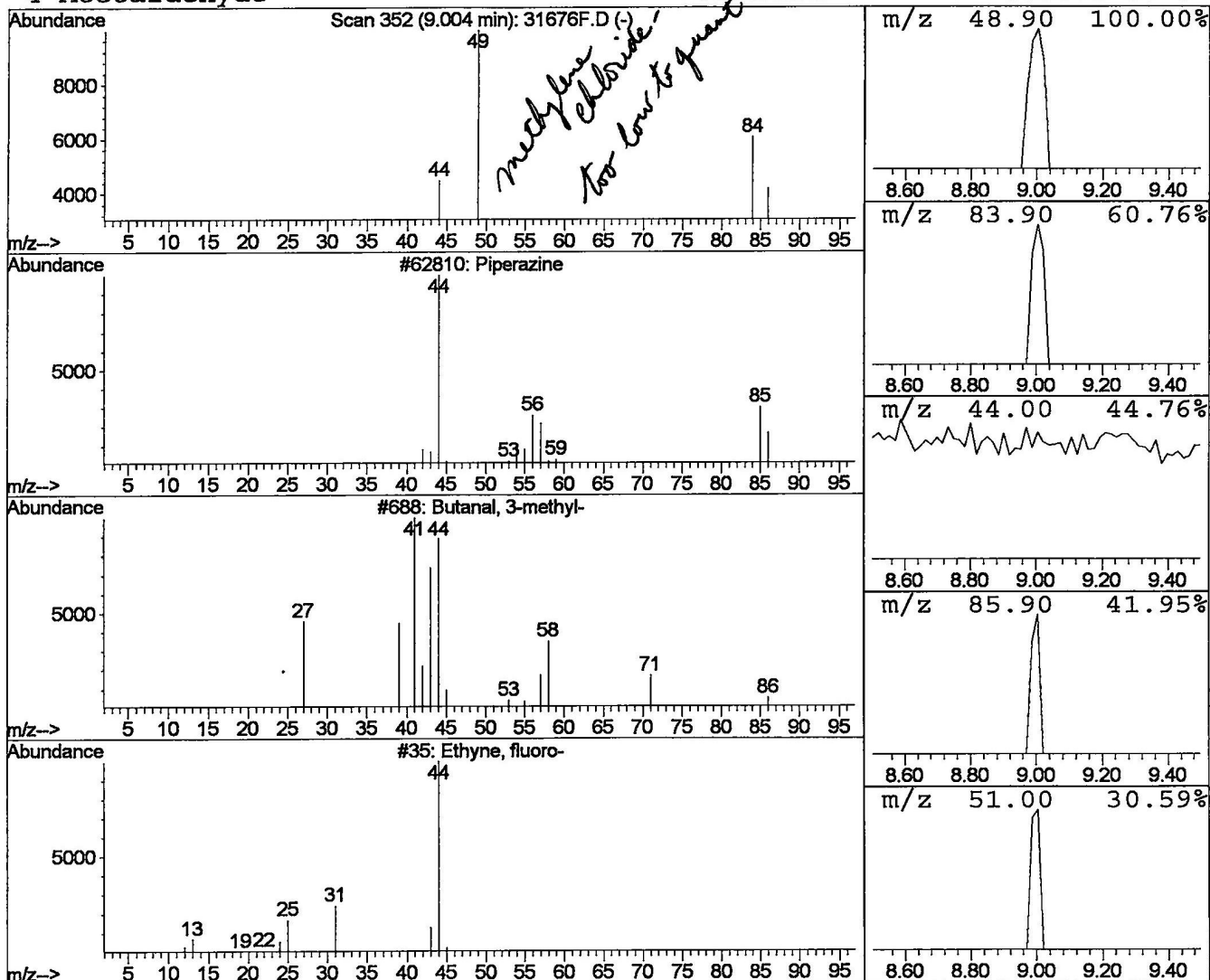
Vial: 15
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Piperazine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	0.02 ug/L	7129	1,4-DIFLUOROBENZENE	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Piperazine	86	C4H10N2	000110-85-0	4
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	4
3			Ethyne, fluoro-	44	C2HF	002713-09-9	2
4			Acetaldehyde	44	C2H4O	000075-07-0	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC31\31676F.D
 Acq On : 31 Dec 2001 11:51 pm
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P

Vial: 15
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2,4,5-Trioxoimidazolidine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.03 ug/L	9910	1,4-DIFLUOROBENZENE	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	5
2			2H-Pyran-2-one, tetrahydro-6-methyl	114	C6H10O2	000823-22-3	3
3			1,4-Butanediamine	88	C4H12N2	000110-60-1	3
4			1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3

