

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 11:31:02

Sample: AD30933

Analysis: \$B1524 Volatile Organic Compounds-Blank

Units: ug

Started: 12/26/01 00:08 Ended: 12/26/01 00:08 Analyst: BH

Result source: m:\instruments\206\rrfiles\1226b11.rr

Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		5.6
2	Surr - 4-BROMOFLUOROBENZ		4.5
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	ACETONE		2.1
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)		0.24
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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 11:31:02

Sample: AD30933
Analysis: \$B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 12/26/01 00:08 Ended: 12/26/01 00:08 Analyst: BH
Result source: m:\instruments\206\rrfiles\1226b11.rr
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\01dec26\1226BL1.D

Vial: 5

Acq On : 26 Dec 2001 8:28 am

Operator: 206-BH

Sample : lb

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 26 9:06 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	14.40	114	796158	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.00	117	778685	5.00	ug/L	0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	385122	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.62	65	294432	5.61	ug/L	0.04
Spiked Amount	5.000		Recovery	=	112.20%	
3) 4-BROMOFLUOROBENZENE	23.57	174	274805	4.50	ug/L	0.03
Spiked Amount	5.000		Recovery	=	90.00%	
23) TOLUENE-D8	17.73	98	1024717	4.96	ug/L	0.05
Spiked Amount	5.000		Recovery	=	99.20%	
Target Compounds						
10) ACETONE	7.67	43	11098	2.08	ug/L	Qvalue 88
16) 2-BUTANONE (MEK)	11.37	43	2244	0.24	ug/L	64

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

1226BL1.D HP121001.M Wed Dec 26 09:06:49 2001

Page 1

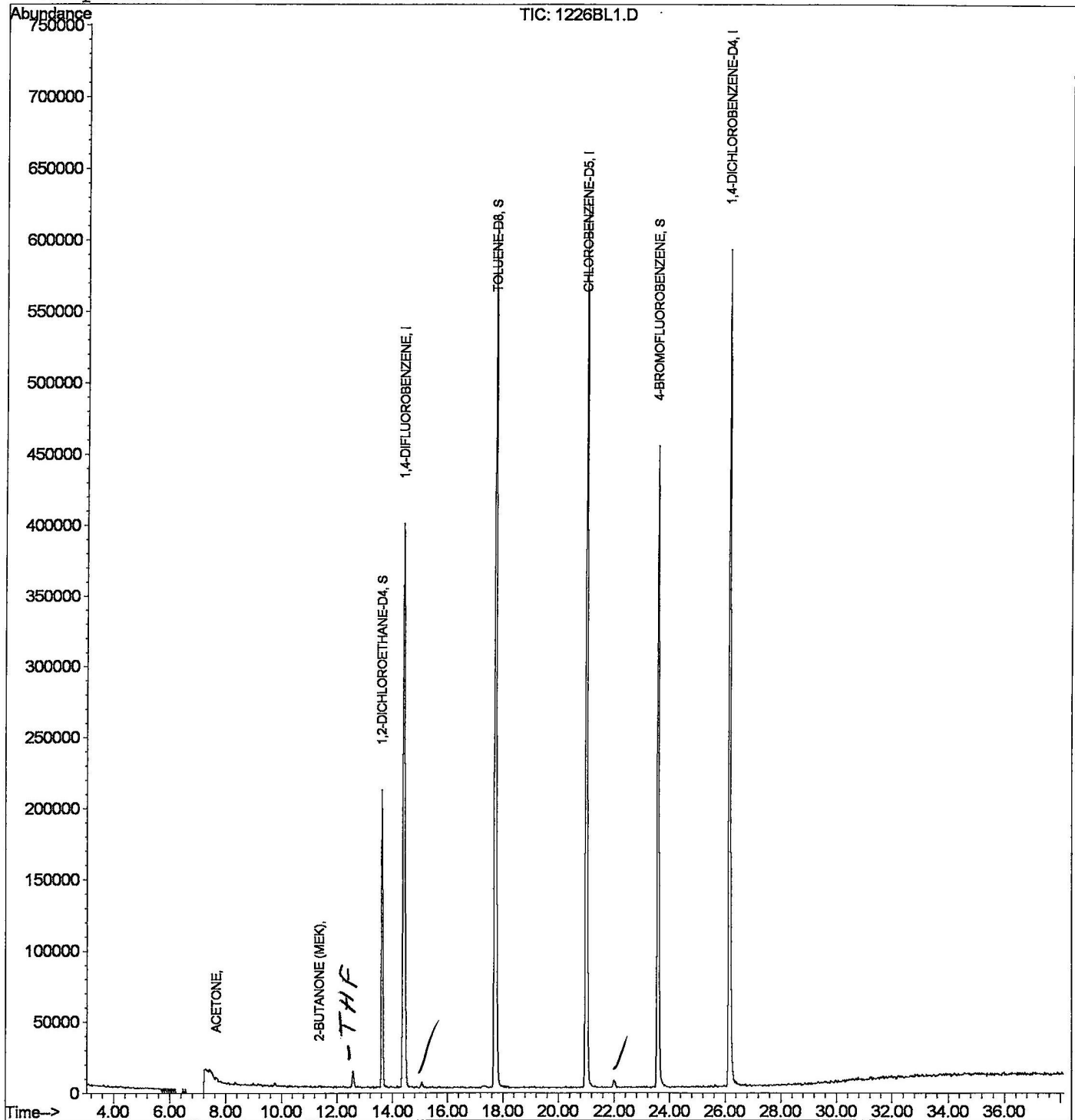
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\1226BL1.D
Acq On : 26 Dec 2001 8:28 am
Sample : lb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 26 9:06 2001

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

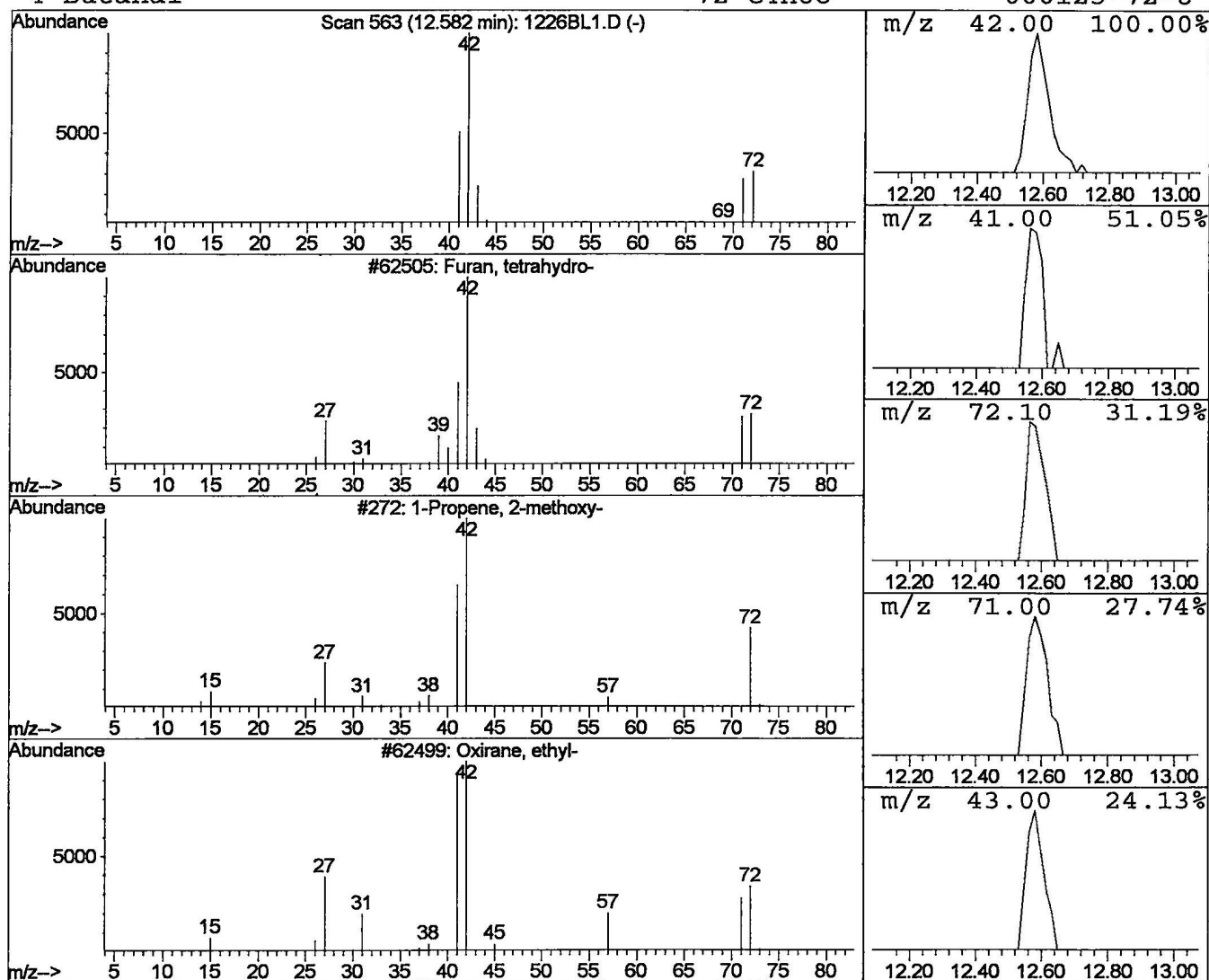
Data File : C:\HPCHEM\1\DATA\01DEC26\1226BL1.D
Acq On : 26 Dec 2001 8:28 am
Sample : 1b
Misc :
MS Integration Params: LSCINT.P

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 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.58	0.13 ug/L	51391	1,4-DIFLUOROBENZENE	14.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-	72	C4H8O	000109-99-9	59
2	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	9
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	9
4	Butanal	72	C4H8O	000123-72-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC26\1226BL1.D
 Acq On : 26 Dec 2001 8:28 am
 Sample : 1b
 Misc :
 MS Integration Params: LSCINT.P

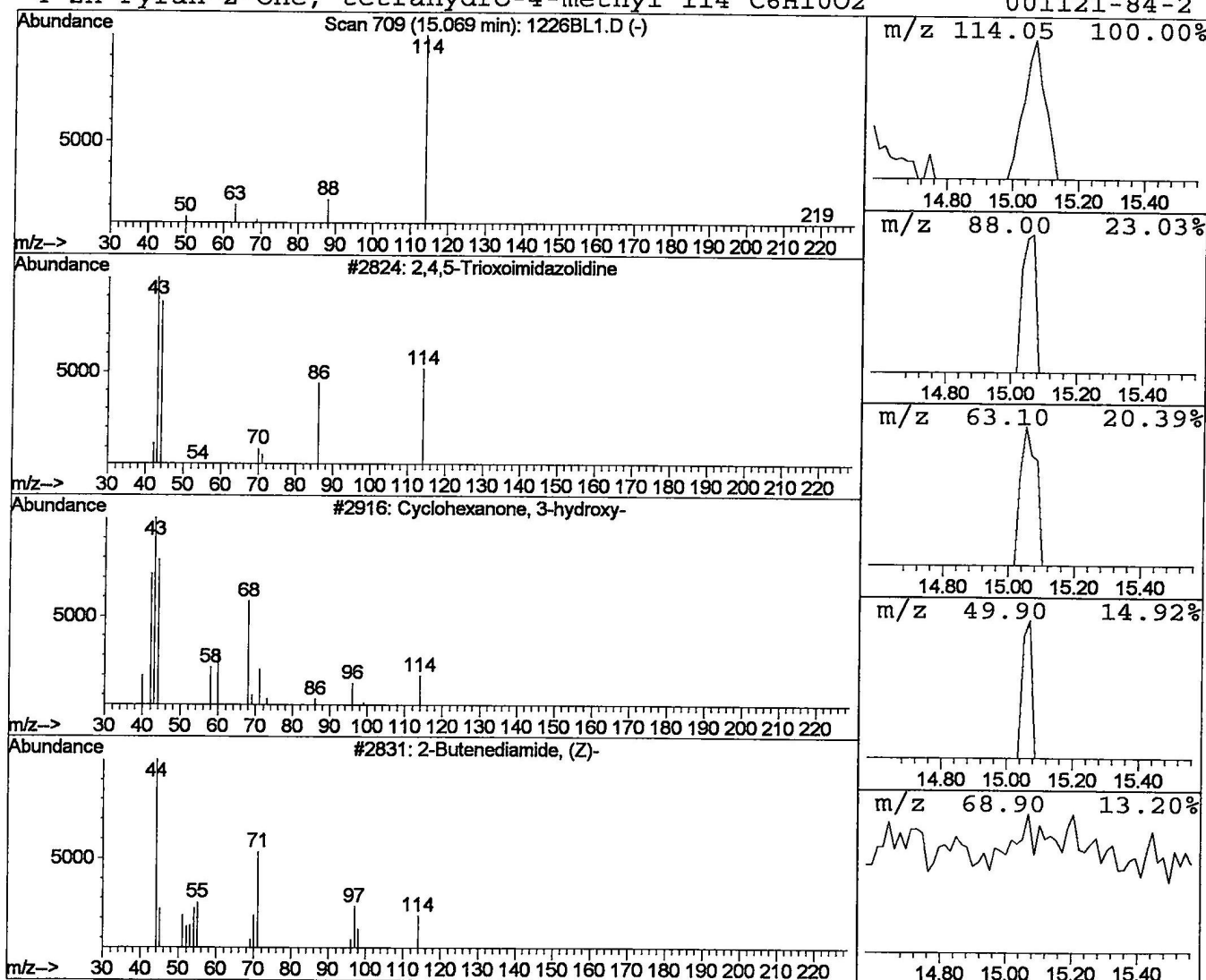
Vial: 5
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 1 2,4,5-Trioxoimidazolidine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.05 ug/L	20077	1,4-DIFLUOROBENZENE	14.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	5
2			Cyclohexanone, 3-hydroxy-	114	C6H10O2	000823-19-8	4
3			2-Butenediamide, (Z)-	114	C4H6N2O2	000928-01-8	4
4			2H-Pyran-2-one, tetrahydro-4-methyl	114	C6H10O2	001121-84-2	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC26\1226BL1.D
 Acq On : 26 Dec 2001 8:28 am
 Sample : lb
 Misc :
 MS Integration Params: LSCINT.P

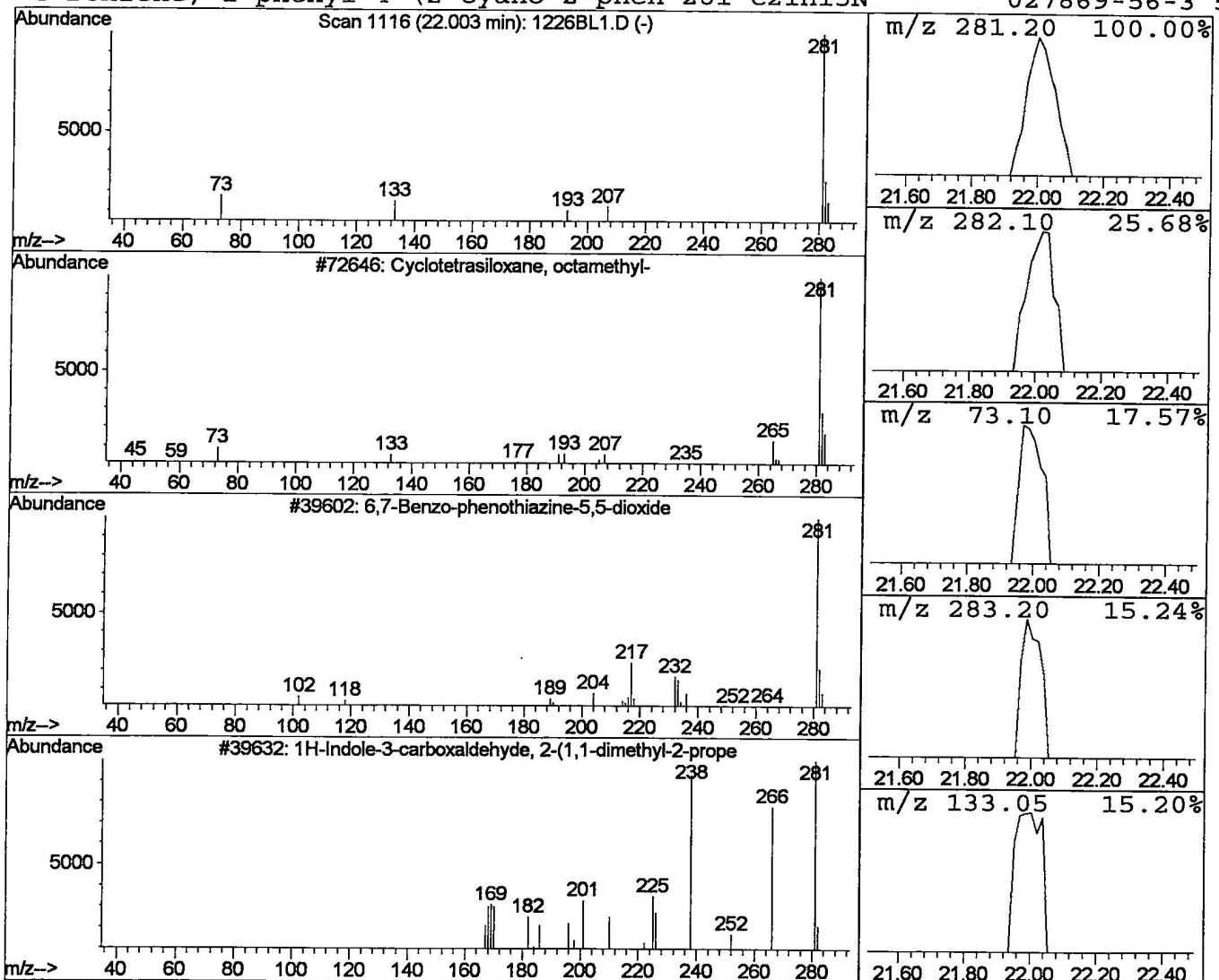
Vial: 5
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 1 Cyclotetrasiloxane, octamethyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	0.06 ug/L	28973	CHLOROBENZENE-D5	21.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
2		6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
3		1H-Indole-3-carboxaldehyde, 2-(1,1-	281	C19H23NO	025584-28-5	5
4		Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	5



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 11:33:33

Sample: AD30933
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 12/26/01 00:00 Ended: 12/26/01 00:00 Analyst: BH
 Result source: c:\hpcchem\1\data\01dec26\1226c10.d\1226c10.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.8		.5
2	Surr_4-BROMOFLUOROBENZE		5.6		.5
3	Dichlorodifluoromethane	USPEC	15		.5
4	Chloromethane	USPEC	15		.5
5	Vinyl chloride	USPEC	16		.5
6	Bromomethane	USPEC	14		.5
7	Chloroethane	USPEC	13		.5
8	Trichlorofluoromethane		12		.5
9	1,1-Dichloroethene		8.6		.5
10	Methylene Chloride		9.0		.5
11	Methyl tert-butyl ether		7.5		1.0
12	trans-1,2-dichloroethene		8.0		.5
13	1,1-dichloroethane		8.4		.5
14	2-butanone (MEK)		8.3		2.0
15	2,2-dichloropropane		8.6		.5
16	cis-1,2-dichloroethene		7.8		.5
17	Chloroform		8.8		.5
18	Bromochloromethane		8.7		.5
19	1,2-dichloroethane		8.9		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		8.6		.5
22	1,1-dichloropropene		8.3		.5
23	Carbon tetrachloride		9.2		.5
24	Benzene		7.8		.5
25	Trichloroethene		8.0		.5
26	1,2-dichloropropane		8.0		.5
27	Dibromomethane		7.8		.5
28	Bromodichloromethane		8.8		.5
29	Methyl iso-butyl ketone		7.0		1.0
30	cis-1,3-dichloropropene		7.9		.5
31	Toluene		7.8		.5
32	trans-1,3-dichloropropene		8.5		.5
33	1,1,2-trichloroethane		8.2		.5
34	Tetrachloroethene		7.8		.5
35	1,3-dichloropropane		8.2		.5
36	Dibromochloromethane		8.3		2.0
37	Chlorobenzene		7.6		.5
38	1,1,1,2-tetrachloroethane		8.3		.5
39	Ethylbenzene		8.0		.5
40	P & M-xylene		16		.5
41	O-xylene		8.3		.5
42	Styrene		8.0		.5
43	1,1,2,2-tetrachloroethane		9.7		.5
44	Bromoform		8.1		2.0
45	Isopropylbenzene		7.1		.5
46	1,2,3-trichloropropane		7.8		.5
47	N-propylbenzene		7.4		.5
48	Bromobenzene		7.6		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 11:33:33

Sample: AD30933

Analysis: \$C1524 Volatile Organic Compounds-Cal 1

Units: ug

Started: 12/26/01 00:00 Ended: 12/26/01 00:00 Analyst: BH

Result source: c:\hpcchem\1\data\01dec26\1226c10.d\1226c10.rr

Page: 2

	Component Name	Yield	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		7.3		.5
50	2-chlorotoluene		7.0		.5
51	4-chlorotoluene		8.4		.5
52	TERT-butylbenzene		7.6		.5
53	1,2,4-trimethylbenzene		7.5		.5
54	SEC-butylbenzene		7.7		.5
55	P-isopropyltoluene		7.8		.5
56	1,3-dichlorobenzene		8.4		.5
57	1,4-dichlorobenzene		8.4		.5
58	N-butylbenzene		8.8		.5
59	1,2-dichlorobenzene		8.7		.5
60	1,2,4-trichlorobenzene		9.2		.5
61	Hexachlobutadiene		8.7		.5
62	Naphthalene		9.5		.5
63	1,2,3-trichlorobenzene		9.2		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC26\1226C10.D

Vial: 8

Acq On : 26 Dec 2001 10:17 am

Operator: 206-BH

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 27 11:16 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 27 11:15:24 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	747597	5.00	ug/L	0.07
22) CHLOROBENZENE-D5	21.01	117	738649	5.00	ug/L	0.05
50) 1,4-DICHLOROBENZENE-D4	26.18	152	473321	5.00	ug/L	0.07

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.64	65	286175	5.81	ug/L	0.05
Spiked Amount	5.000		Recovery	=	116.20%	
3) 4-BROMOFLUOROBENZENE	23.60	174	320583	5.59	ug/L	0.07
Spiked Amount	5.000		Recovery	=	111.80%	
23) TOLUENE-D8	17.74	98	974269	4.97	ug/L	0.07
Spiked Amount	5.000		Recovery	=	99.40%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.48	85	363400	14.90	ug/L	98
5) CHLOROMETHANE	4.99	50	222335	14.66	ug/L	99
6) VINYL CHLORIDE	5.15	62	236804	15.70	ug/L	97
7) BROMOMETHANE	6.06	94	179904	13.63	ug/L	99
8) CHLOROETHANE	6.19	64	136405	13.19	ug/L	98
9) TRICHLOROFLUOROMETHANE	6.73	101	391016	11.94	ug/L	96
10) ACETONE	7.67	43	42985	8.57	ug/L	98
11) 1,1-DICHLOROETHENE	8.01	61	366648	8.63	ug/L	94
12) METHYLENE CHLORIDE	8.99	49	371512	9.02	ug/L	92
13) METHYL TERT BUTYL ETHER	9.28	73	405788	7.47	ug/L	99
14) TRANS-1,2-DICHLOROETHENE	9.63	61	369527	8.02	ug/L	89
15) 1,1-DICHLOROETHANE	10.50	63	483515	8.41	ug/L	98
16) 2-BUTANONE (MEK)	11.34	43	73436	8.29	ug/L	99
17) 2,2-DICHLOROPROPANE	11.71	77	408124	8.62	ug/L	99
18) CIS-1,2-DICHLOROETHENE	11.80	96	250062	7.77	ug/L	94
19) CHLOROFORM	12.14	83	482124	8.79	ug/L	97
20) BROMOCHLOROMETHANE	12.51	49	227629	8.75	ug/L	92
21) 1,2-DICHLOROETHANE	13.84	62	327394	8.87	ug/L	99
24) 1,1,1-TRICHLOROETHANE	13.01	97	389700	8.59	ug/L	100
25) 1,1-DICHLOROPROPENE	13.35	75	372238	8.31	ug/L	99
26) CARBON TETRACHLORIDE	13.59	117	355400	9.21	ug/L	98
27) BENZENE	13.94	78	1020563	7.84	ug/L	99
28) TRICHLOROETHENE	15.21	95	278497	7.99	ug/L	97
29) 1,2-DICHLOROPROPANE	15.55	63	288841	7.97	ug/L	97
30) DIBROMOMETHANE	16.21	174	100411	7.78	ug/L	99
31) BROMODICHLOROMETHANE	16.06	83	368410	8.82	ug/L	100
32) 2-CHLOROETHYL VINYL ETHER	16.57	63	97292	7.23	ug/L	94
33) Methyl iso-butyl ketone	16.64	58	48444	7.00	ug/L	95

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

1226C10.D HP121001.M Thu Dec 27 11:16:37 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC26\1226C10.D

Vial: 8

Acq On : 26 Dec 2001 10:17 am

Operator: 206-BH

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 27 11:16 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 27 11:15:24 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.15	75	413223	7.90	ug/L	99
35) TOLUENE	17.91	91	1142210	7.78	ug/L	99
36) TRANS-1,3-DICHLOROPROPENE	18.19	75	344503	8.48	ug/L	99
37) 1,1,2-TRICHLOROETHANE	18.56	97	165333	8.22	ug/L	98
38) TETRACHLOROETHENE	19.35	166	271484	7.84	ug/L	98
39) 1,3-DICHLOROPROPANE	19.09	76	319802	8.23	ug/L	99
40) DIBROMOCHLOROMETHANE	19.77	129	204047	8.35	ug/L	99
41) 1,2-DIBROMOETHANE	20.21	107	150378	7.85	ug/L	94
42) CHLOROBENZENE	21.10	112	745802	7.63	ug/L	99
43) 1,1,1,2-TETRACHLOROETHANE	21.15	131	263225	8.27	ug/L	98
44) 2-HEXANONE	18.48	43	94153	8.14	ug/L	99
45) ETHYLBENZENE	21.15	91	1440891	7.97	ug/L	99
46) P & M-XYLENE	21.32	106	1057101	15.55	ug/L	99
47) O-XYLENE	22.28	91	1198307	8.31	ug/L	100
48) STYRENE	22.34	104	896151	7.99	ug/L	97
49) 1,1,2,2-TETRACHLOROETHANE	23.35	83	208893	9.71	ug/L	100
51) BROMOFORM	23.18	173	116202	8.12	ug/L	96
52) ISOPROPYLBENZENE	23.01	105	1461910	7.07	ug/L	97
53) 1,2,3-TRICHLOROPROPANE	23.67	110	58592	7.77	ug/L	99
54) N-PROPYLBENZENE	23.88	91	1994071	7.44	ug/L	99
55) BROMOBENZENE	24.10	156	335953	7.63	ug/L	91
56) 1,3,5-TRIMETHYLBENZENE	24.18	105	1310822	7.34	ug/L	100
57) 2-CHLOROTOLUENE	24.34	91	1195257	7.03	ug/L	97
58) 4-CHLOROTOLUENE	24.42	91	1278467	8.40	ug/L	98
59) TERT-BUTYLBENZENE	24.97	134	288407	7.56	ug/L	98
60) 1,2,4-TRIMETHYLBENZENE	25.07	105	1398458	7.55	ug/L	99
61) SEC-BUTYLBENZENE	25.43	105	1926546	7.75	ug/L	98
62) P-ISOPROPYLTOLUENE	25.68	119	1553967	7.78	ug/L	98
63) 1,3-DICHLOROBENZENE	26.04	146	801531	8.42	ug/L	98
64) 1,4-DICHLOROBENZENE	26.25	146	796727	8.37	ug/L	98
65) N-BUTYLBENZENE	26.57	91	1680722	8.80	ug/L	99
66) 1,2-DICHLOROBENZENE	27.10	146	686476	8.74	ug/L	98
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.75	157	37714	9.39	ug/L	99
68) NITROBENZENE	28.94	77	297391	179.66	ug/L	97
69) 1,2,4-TRICHLOROBENZENE	30.67	180	400136	9.19	ug/L	98
70) HEXACHLOROBUTADIENE	30.93	225	229960	8.69	ug/L	99
71) NAPHTHALENE	31.34	128	454216	9.46	ug/L	99
72) 1,2,3-TRICHLOROBENZENE	31.90	180	295315	9.24	ug/L	98

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

1226C10.D HP121001.M Thu Dec 27 11:16:39 2001

Page 2

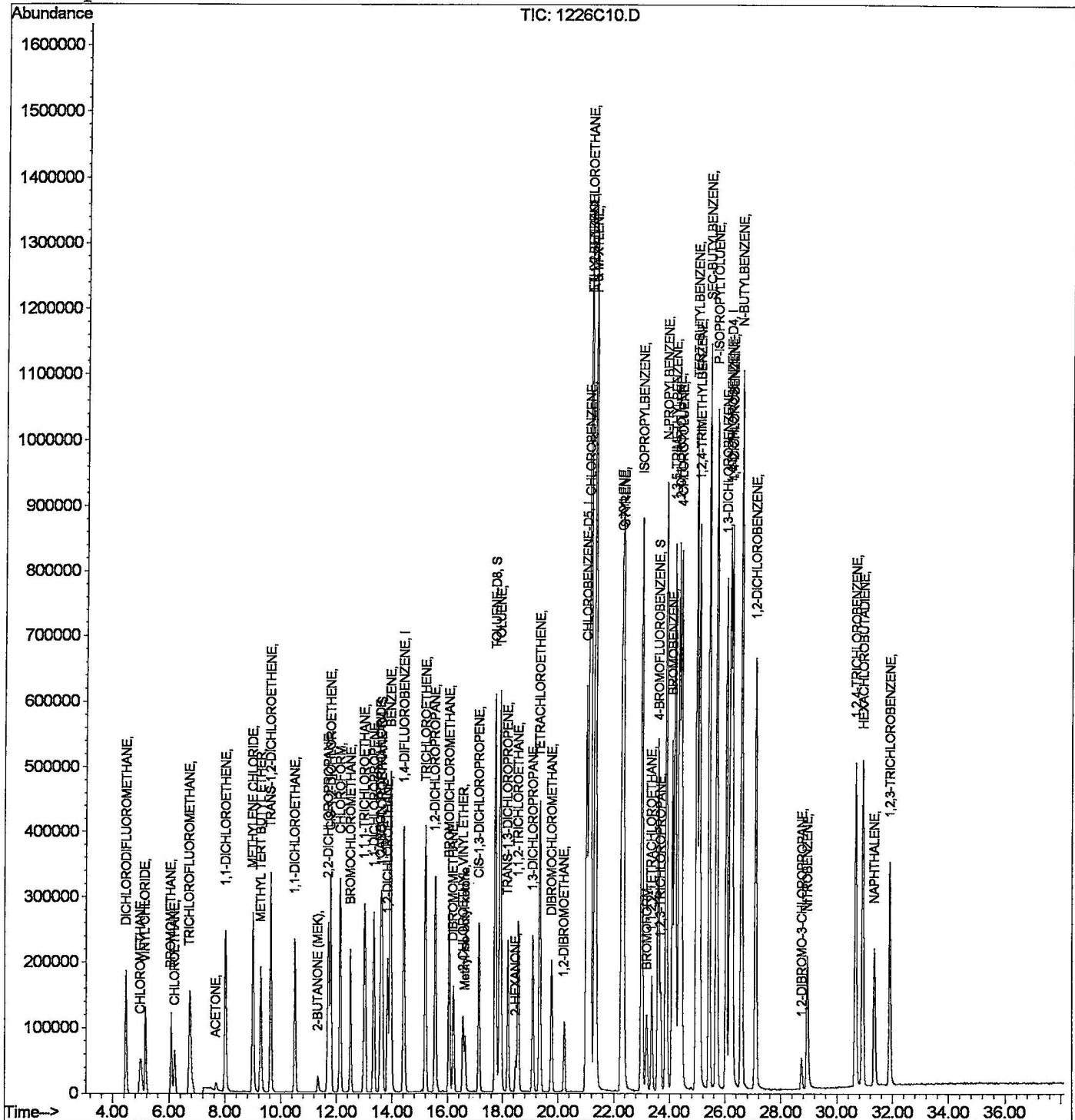
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC26\1226C10.D
Acq On : 26 Dec 2001 10:17 am
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 11:16 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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 11:48:52

Sample: AD30933

Analysis: \$RE524 Reference recovery for 524

Units: ug

Started: 12/26/01 00:02 Ended: 12/26/01 00:02 Analyst: BH

Result source: manual entry

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		5.4		
2	4-BROMOFLUOROBENZENE		6.5		
3	DICHLORODIFLUOROMETHANE		72		.5
4	CHLOROMETHANE		75		.5
5	VINYL CHLORIDE		62		.5
6	BROMOMETHANE		63		.5
7	CHLOROETHANE		58		.5
8	TRICHLOROFLUOROMETHANE		52		.5
9	ACETONE		36		.5
10	1,1-DICHLOROETHENE		51		.5
11	METHYLENE CHLORIDE		45		.5
12	METHYL TERT BUTYL ETHER		35		1
13	TRANS-1,2-DICHLOROETHENE		47		.5
14	1,1-DICHLOROETHANE		46		.5
15	2-BUTANONE (MEK)		35		.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		45		.5
21	TOLUENE-D8		4.5		
22	1,1,1-TRICHLOROETHANE		46		.5
23	1,1-DICHLOROPROPENE		44		.5
24	CARBON TETRACHLORIDE		49		.5
25	BENZENE		39		.5
26	TRICHLOROETHENE		41		.5
27	1,2-DICHLOROPROPANE		37		.5
28	DIBROMOMETHANE		40		.5
29	BROMODICHLOROMETHANE		44		.5
30	2-CHLOROETHYL VINYL ETHER		30		.5
31	METHYL ISO-BUTYL KETONE		30		1
32	CIS-1,3-DICHLOROPROPENE		40		.5
33	TOLUENE		41		.5
34	TRANS-1,3-DICHLOROPROPENE		42		.5
35	1,1,2-TRICHLOROETHANE		40		.5
36	TETRACHLOROETHENE		47		.5
37	1,3-DICHLOROPROPANE		43		.5
38	DIBROMOCHLOROMETHANE		46		2
39	1,2-DIBROMOETHANE		41		.5
40	CHLOROBENZENE		43		.5
41	1,1,1,2-TETRACHLOROETHANE		46		.5
42	2-HEXANONE		37		.5
43	ETHYLBENZENE		45		.5
44	P & M-XYLENE		89		.5
45	O-XYLENE		49		.5
46	STYRENE		46		.5
47	1,1,2,2-TETRACHLOROETHANE		50		.5
48	BROMOFORM		41		2

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 11:48:52

Sample: AD30933

Analysis: \$RE524 Reference recovery for 524

Units: ug

Started: 12/26/01 00:02 Ended: 12/26/01 00:02 Analyst: BH

Result source: manual entry

Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		37		.5
50	1,2,3-TRICHLOROPROPANE		33		.5
51	N-PROPYLBENZENE		39		.5
52	BROMOBENZENE		37		.5
53	1,3,5-TRIMETHYLBENZENE		36		.5
54	2-CHLOROTOLUENE		36		.5
55	4-CHLOROTOLUENE		40		.5
56	TERT-BUTYLBENZENE		39		.5
57	1,2,4-TRIMETHYLBENZENE		38		.5
58	SEC-BUTYLBENZENE		41		.5
59	P-ISOPROPYLTOLUENE		39		.5
60	1,3-DICHLOROBENZENE		42		.5
61	1,4-DICHLOROBENZENE		42		.5
62	N-BUTYLBENZENE		44		.5
63	1,2-DICHLOROBENZENE		43		.5
64	1,2-DIBROMO-3-CHLOROPRO		41		.5
65	1,2,4-TRICHLOROBENZENE		46		.5
66	HEXACHLOROBUTADIENE		45		.5
67	NAPHTHALENE		44		.5
68	1,2,3-TRICHLOROBENZENE		44		.5
69	ETHANOL		< MDL		30

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 11:52:09

Sample: AD30933
 Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
 Units: ug
 Started: 12/27/01 11:48 Ended: 12/27/01 11:48 Analyst: BH
 Result source: calculation
 Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.4		.5
2	Surr - 4-BROMOFLUOROBENZ		6.5		.5
3					
4					
5	Vinyl chloride		155		.5
6					
7	Chloroethane		145		.5
8	Trichlorofluoromethane		130		.5
9	1,1-Dichloroethene		127.5		.5
10	Methylene Chloride		112.5		.5
11	Methyl tert butyl ether		87.5		1.0
12	trans-1,2-dichloroethene		117.5		.5
13	1,1-dichloroethane		115		.5
14	2-butanone (MEK)		87.5		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		112.5		.5
20	Surr - TOLUENE-D8		4.5		.5
21	1,1,1-trichloroethane		115		.5
22	1,1-dichloropropene		110		.5
23	Carbon tetrachloride		122.5		.5
24	Benzene		97.5		.5
25	Trichloroethene		102.5		.5
26	1,2-dichloropropane		92.5		.5
27	Dibromomethane		100		.5
28	Bromodichloromethane		110		.5
29	Methyl iso-butyl ketone		75		1.0
30	cis-1,3-dichloropropene		100		.5
31	Toluene		102.5		.5
32	trans-1,3-dichloropropene		105		.5
33	1,1,2-trichloroethane		100		.5
34	Tetrachloroethene		117.5		.5
35	1,3-dichloropropane		107.5		.5
36	Dibromochloromethane		115		2.0
37	Chlorobenzene		107.5		.5
38	1,1,1,2-tetrachloroethane		115		.5
39	Ethylbenzene		112.5		.5
40	P & M-xylene		111.25		.5
41	O-xylene		122.5		.5
42	Styrene		115		.5
43	1,1,1,2,2-tetrachloroethane		125		.5
44	Bromoform		102.5		2.0
45	Isopropylbenzene		92.5		.5
46	1,2,3-trichloropropane		82.5		.5
47	N-propylbenzene		97.5		.5
48	Bromobenzene		92.5		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 11:52:09

Sample: AD30933
Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 12/27/01 11:48 Ended: 12/27/01 11:48 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Vol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		90		.5
50	2-chlorotoluene		90		.5
51	4-chlorotoluene		100		.5
52	TERT-butylbenzene		97.5		.5
53	1,2,4-trimethylbenzene		95		.5
54	SEC-butylbenzene		102.5		.5
55	P-isopropyltoluene		97.5		.5
56	1,3-dichlorobenzene		105		.5
57	1,4-dichlorobenzene		105		.5
58	N-butylbenzene		110		.5
59	1,2-dichlorobenzene		107.5		.5
60	1,2,4-trichlorobenzene		115		.5
61	Hexachlorobutadiene		112.5		.5
62	Naphthalene		110		.5
63	1,2,3-trichlorobenzene		110		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec26\1226R40.D
 Acq On : 26 Dec 2001 12:01 pm
 Sample : ref 40
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 12:39 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	14.44	114	913668	5.00	ug/L	0.08
22) CHLOROBENZENE-D5	21.03	117	987440	5.00	ug/L	0.07
50) 1,4-DICHLOROBENZENE-D4	26.19	152	754697	5.00	ug/L	0.08

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.65	65	323034	5.37	ug/L	0.07
Spiked Amount	5.000		Recovery	=	107.40%	
3) 4-BROMOFLUOROBENZENE	23.60	174	455733	6.50	ug/L	0.07
Spiked Amount	5.000		Recovery	=	130.00%	
23) TOLUENE-D8	17.76	98	1190145	4.55	ug/L	0.08
Spiked Amount	5.000		Recovery	=	91.00%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.49	85	2154809	72.27	ug/L	99
5) CHLOROMETHANE	4.99	50	1383925	74.65	ug/L	97
6) VINYL CHLORIDE	5.14	62	1152192	62.49	ug/L	94
7) BROMOMETHANE	6.08	94	1014801	62.93	ug/L	99
8) CHLOROETHANE	6.21	64	728833	57.66	ug/L	99
9) TRICHLOROFLUOROMETHANE	6.75	101	2095955	52.37	ug/L	98
10) ACETONE	7.67	43	218193	35.60	ug/L	97
11) 1,1-DICHLOROETHENE	8.03	61	2671369	51.45	ug/L	94
12) METHYLENE CHLORIDE	9.00	49	2275887	45.21	ug/L	90
13) METHYL TERT BUTYL ETHER	9.29	73	2293923	34.53	ug/L	97
14) TRANS-1,2-DICHLOROETHENE	9.65	61	2661640	47.26	ug/L	90
15) 1,1-DICHLOROETHANE	10.52	63	3243843	46.18	ug/L	99
16) 2-BUTANONE (MEK)	11.34	43	378282	34.93	ug/L	91
17) 2,2-DICHLOROPROPANE	11.73	77	2861365	49.43	ug/L	98
18) CIS-1,2-DICHLOROETHENE	11.81	96	1736568	44.12	ug/L	91
19) CHLOROFORM	12.16	83	3198587	47.72	ug/L	99
20) BROMOCHLOROMETHANE	12.53	49	1376539	43.28	ug/L	83
21) 1,2-DICHLOROETHANE	13.86	62	2021762	44.82	ug/L	100
24) 1,1,1-TRICHLOROETHANE	13.02	97	2783479	45.89	ug/L	98
25) 1,1-DICHLOROPROPENE	13.36	75	2618233	43.74	ug/L	99
26) CARBON TETRACHLORIDE	13.60	117	2510169	48.66	ug/L	99
27) BENZENE	13.96	78	6854553	39.40	ug/L	98
28) TRICHLOROETHENE	15.22	95	1923661	41.27	ug/L	98
29) 1,2-DICHLOROPROPANE	15.58	63	1804028	37.23	ug/L	99
30) DIBROMOMETHANE	16.23	174	683184	39.60	ug/L	92
31) BROMODICHLOROMETHANE	16.07	83	2434414	43.60	ug/L	99
32) 2-CHLOROETHYL VINYL ETHER	16.58	63	547844	30.44	ug/L	93
33) Methyl iso-butyl ketone	16.65	58	273132	29.51	ug/L	99

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

1226R40.D HP121001.M Wed Dec 26 12:40:04 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec26\1226R40.D

Vial: 9

Acq On : 26 Dec 2001 12:01 pm

Operator: 206-BH

Sample : ref 40

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 26 12:39 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	17.16	75	2778351	39.74	ug/L	100
35) TOLUENE	17.93	91	8127358	41.39	ug/L	100
36) TRANS-1,3-DICHLOROPROPENE	18.20	75	2269562	41.80	ug/L	99
37) 1,1,2-TRICHLOROETHANE	18.58	97	1078705	40.11	ug/L	98
38) TETRACHLOROETHENE	19.36	166	2176557	47.01	ug/L	97
39) 1,3-DICHLOROPROPANE	19.11	76	2210624	42.56	ug/L	99
40) DIBROMOCHLOROMETHANE	19.79	129	1502297	45.96	ug/L	98
41) 1,2-DIBROMOETHANE	20.23	107	1037394	40.53	ug/L	98
42) CHLOROBENZENE	21.12	112	5550824	42.51	ug/L	98
43) 1,1,1,2-TETRACHLOROETHANE	21.17	131	1940350	45.57	ug/L	97
44) 2-HEXANONE	18.49	43	572670	37.04	ug/L	97
45) ETHYLBENZENE	21.17	91	10910344	45.12	ug/L	96
46) P & M-XYLENE	21.32	106	8062142	88.73	ug/L	95
47) O-XYLENE	22.29	91	9384981	48.69	ug/L	98
48) STYRENE	22.34	104	6933438	46.25	ug/L	99
49) 1,1,2,2-TETRACHLOROETHANE	23.37	83	1424655	49.52	ug/L	100
51) BROMOFORM	23.18	173	926953	40.63	ug/L	99
52) ISOPROPYLBENZENE	23.01	105	12082645	36.66	ug/L	100
53) 1,2,3-TRICHLOROPROPANE	23.69	110	398663	33.17	ug/L	94
54) N-PROPYLBENZENE	23.88	91	16735047	39.16	ug/L	99
55) BROMOBENZENE	24.12	156	2577024	36.70	ug/L	85
56) 1,3,5-TRIMETHYLBENZENE	24.20	105	10282928	36.12	ug/L	99
57) 2-CHLOROTOLUENE	24.35	91	9834987	36.28	ug/L	97
58) 4-CHLOROTOLUENE	24.42	91	9816608	40.45	ug/L	100
59) TERT-BUTYLBENZENE	24.98	134	2347099	38.59	ug/L	98
60) 1,2,4-TRIMETHYLBENZENE	25.09	105	11303189	38.25	ug/L	99
61) SEC-BUTYLBENZENE	25.44	105	16195282	40.85	ug/L	98
62) P-ISOPROPYLTOLUENE	25.70	119	12445515	39.10	ug/L	99
63) 1,3-DICHLOROBENZENE	26.04	146	6315528	41.61	ug/L	97
64) 1,4-DICHLOROBENZENE	26.26	146	6321934	41.64	ug/L	97
65) N-BUTYLBENZENE	26.59	91	13491183	44.30	ug/L	97
66) 1,2-DICHLOROBENZENE	27.10	146	5346501	42.68	ug/L	97
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.75	157	264957	41.38	ug/L	94
68) NITROBENZENE	28.94	77	2063916	782.00	ug/L	92
69) 1,2,4-TRICHLOROBENZENE	30.69	180	3194768	46.01	ug/L	99
70) HEXACHLOROBUTADIENE	30.93	225	1894069	44.89	ug/L	99
71) NAPHTHALENE	31.36	128	3368827	44.02	ug/L	99
72) 1,2,3-TRICHLOROBENZENE	31.92	180	2262326	44.40	ug/L	98

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

1226R40.D HP121001.M Wed Dec 26 12:40:06 2001

Page 2

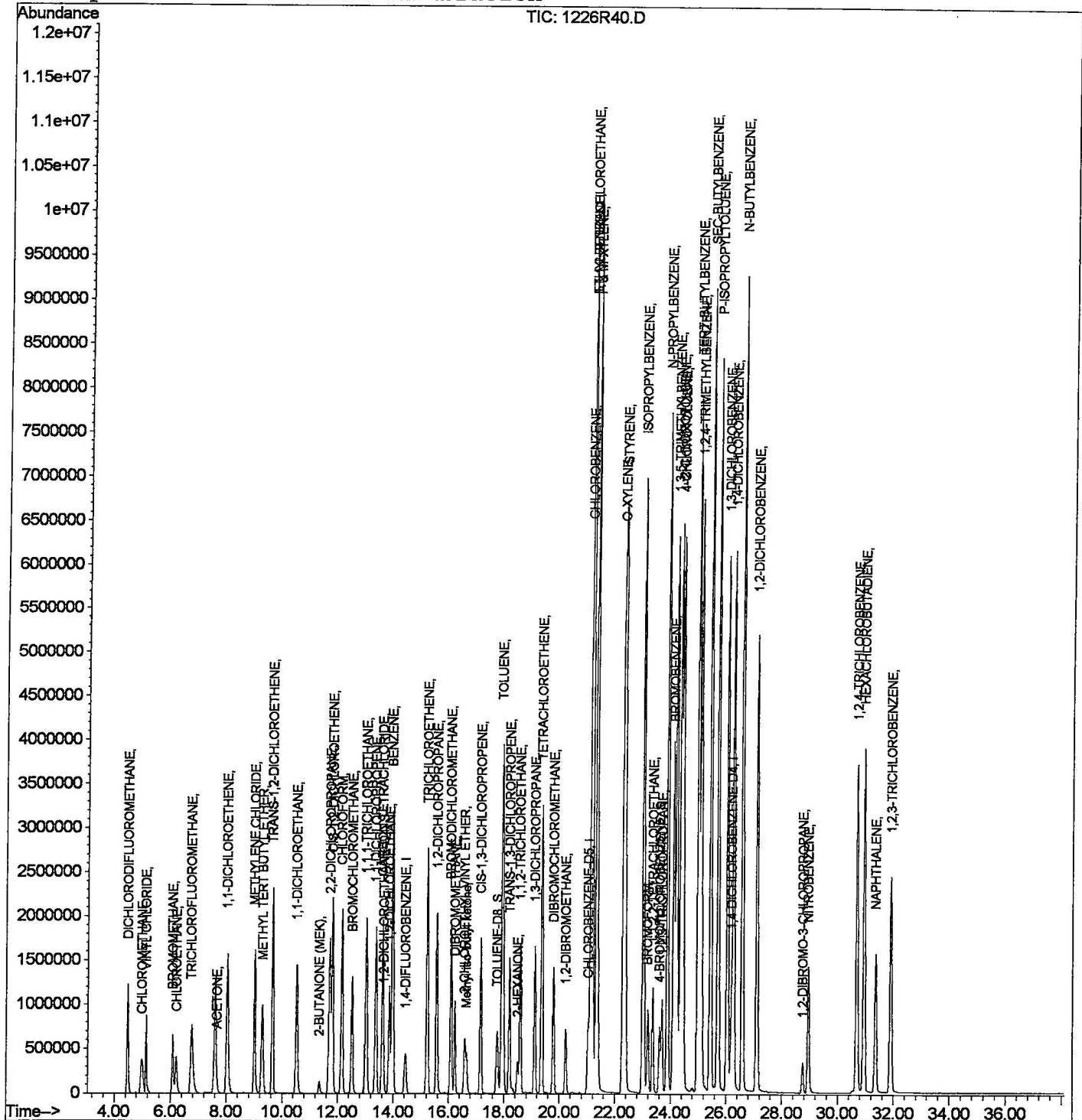
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\1226R40.D
Acq On : 26 Dec 2001 12:01 pm
Sample : ref 40
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 26 12:39 2001

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

Quant Results File: HP121001.RES

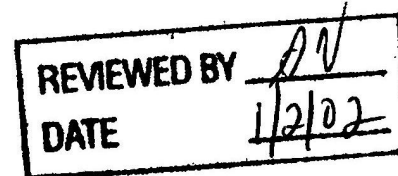
Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
Title : VOCs BY EPA METHOD 524
Last Update : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 11:54:51

Sample: AD30933
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/26/01 00:03 Ended: 12/26/01 00:03 Analyst: BH
 Result source: m:\instruments\206\rrfiles\30933.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.4		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 11:54:51

Sample: AD30933

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/26/01 00:03 Ended: 12/26/01 00:03 Analyst: BH

Result source: m:\instruments\206\rrfiles\30933.rr

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\01dec26\30933.D
 Acq On : 26 Dec 2001 3:17 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 15:56 2001

Vial: 6
 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	14.44	114	851164	5.00	ug/L	0.09
22) CHLOROBENZENE-D5	21.03	117	816211	5.00	ug/L	0.07
50) 1,4-DICHLOROBENZENE-D4	26.21	152	374240	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.66	65	302050	5.39	ug/L	0.07
Spiked Amount 5.000			Recovery	=	107.80%	
3) 4-BROMOFLUOROBENZENE	23.62	174	271344	4.15	ug/L	0.09
Spiked Amount 5.000			Recovery	=	83.00%	
23) TOLUENE-D8	17.76	98	1085295	5.02	ug/L	0.09
Spiked Amount 5.000			Recovery	=	100.40%	
Target Compounds						Qvalue
10) ACETONE	7.69	43	20971	3.67	ug/L	91
16) 2-BUTANONE (MEK)	11.41	43	2950	0.29	ug/L	64
70) HEXACHLOROBUTADIENE	30.96	225	2762	0.13	ug/L	89
72) 1,2,3-TRICHLOROBENZENE	31.95	180	3204	0.13	ug/L	94

 (#) = qualifier out of range (m) = manual integration
 30933.D HP121001.M Wed Dec 26 15:56:16 2001

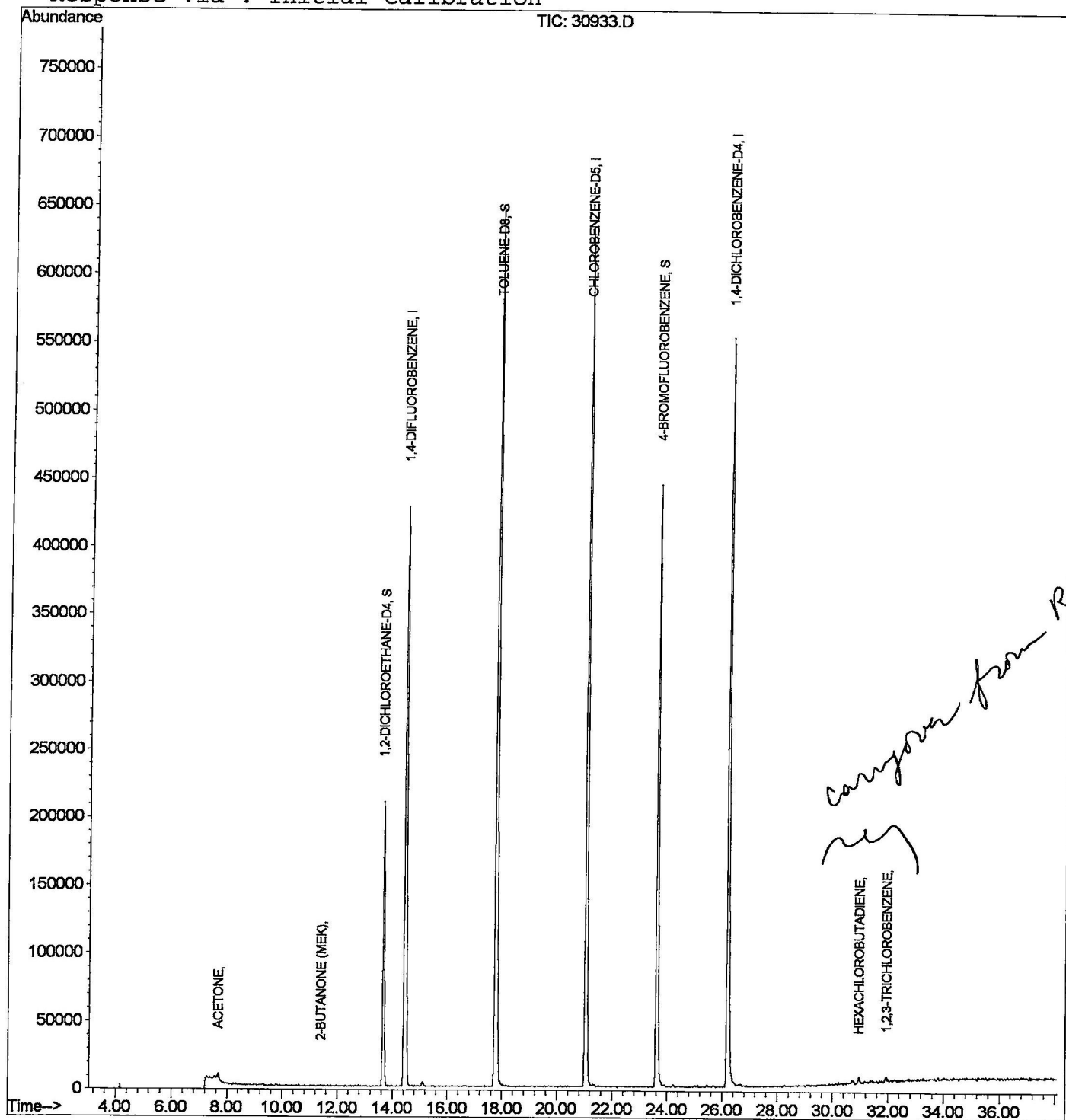
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\30933.D
Acq On : 26 Dec 2001 3:17 pm
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 26 15:56 2001

Vial: 6
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\01DEC26\30933.D
 Acq On : 26 Dec 2001 3:17 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

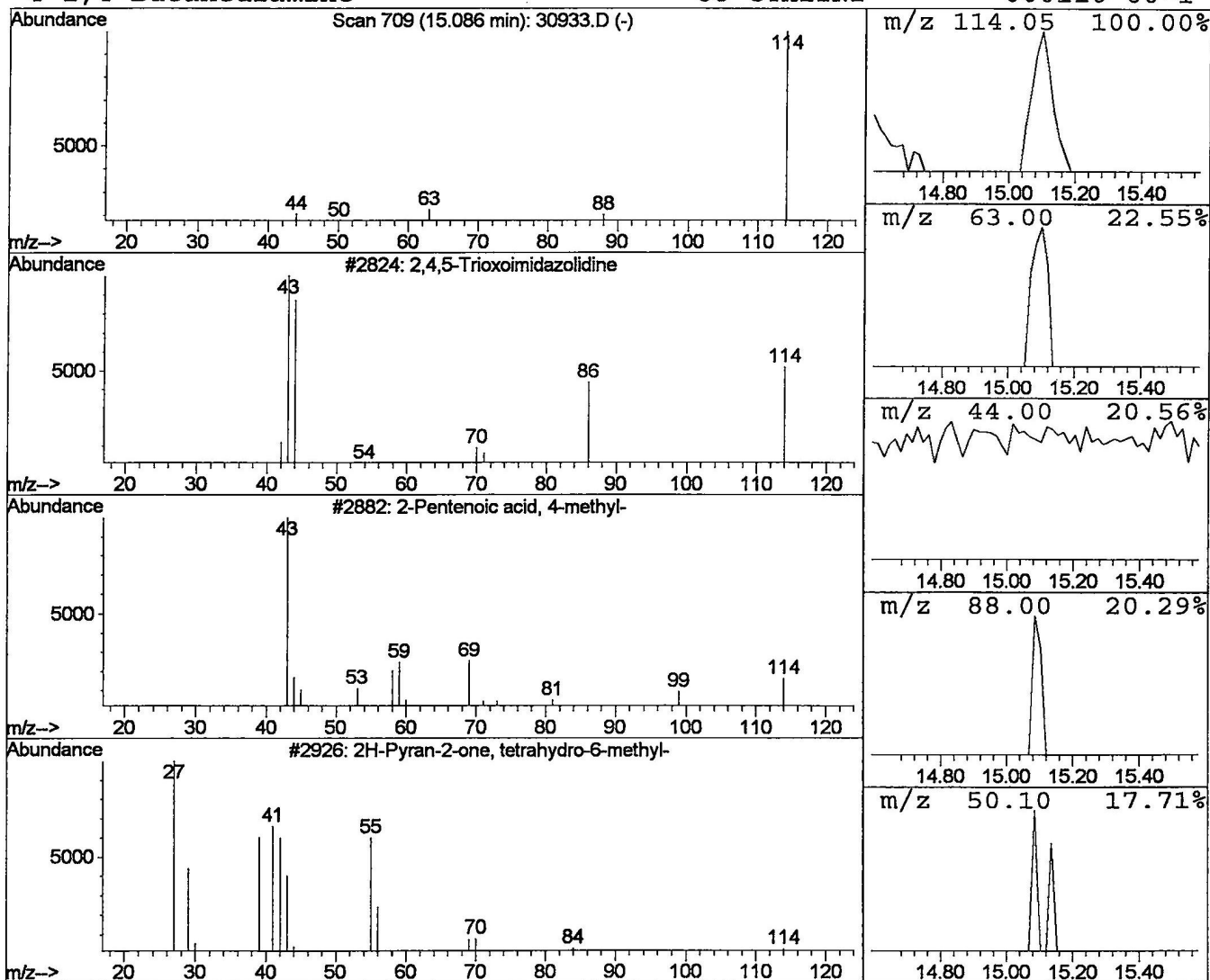
Vial: 6
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
15.09	0.04 ug/L	18845	1,4-DIFLUOROBENZENE	14.44

Hit#	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	5
2		2-Pentenoic acid, 4-methyl-	114	C6H10O2	010321-71-8	4
3		2H-Pyran-2-one, tetrahydro-6-methyl	114	C6H10O2	000823-22-3	3
4		1,4-Butanediamine	88	C4H12N2	000110-60-1	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 12:00:57

Sample: AD30934

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/26/01 00:04 Ended: 12/26/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\30934.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		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 SV
 DATE 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:00:57

Sample: AD30934

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/26/01 00:04 Ended: 12/26/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\30934.rr

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\01dec26\30934.D
 Acq On : 26 Dec 2001 4:00 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 16:39 2001

Vial: 7
 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	785304	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	762530	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	354876	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	293822	5.68	ug/L	0.09
Spiked Amount 5.000			Recovery	=	113.60%	
3) 4-BROMOFLUOROBENZENE	23.62	174	253197	4.20	ug/L	0.09
Spiked Amount 5.000			Recovery	=	84.00%	
23) TOLUENE-D8	17.78	98	1019894	5.04	ug/L	0.10
Spiked Amount 5.000			Recovery	=	100.80%	
Target Compounds						
10) ACETONE	7.70	43	16669	3.16	ug/L	Qvalue 95
16) 2-BUTANONE (MEK)	11.42	43	2186	0.23	ug/L	64

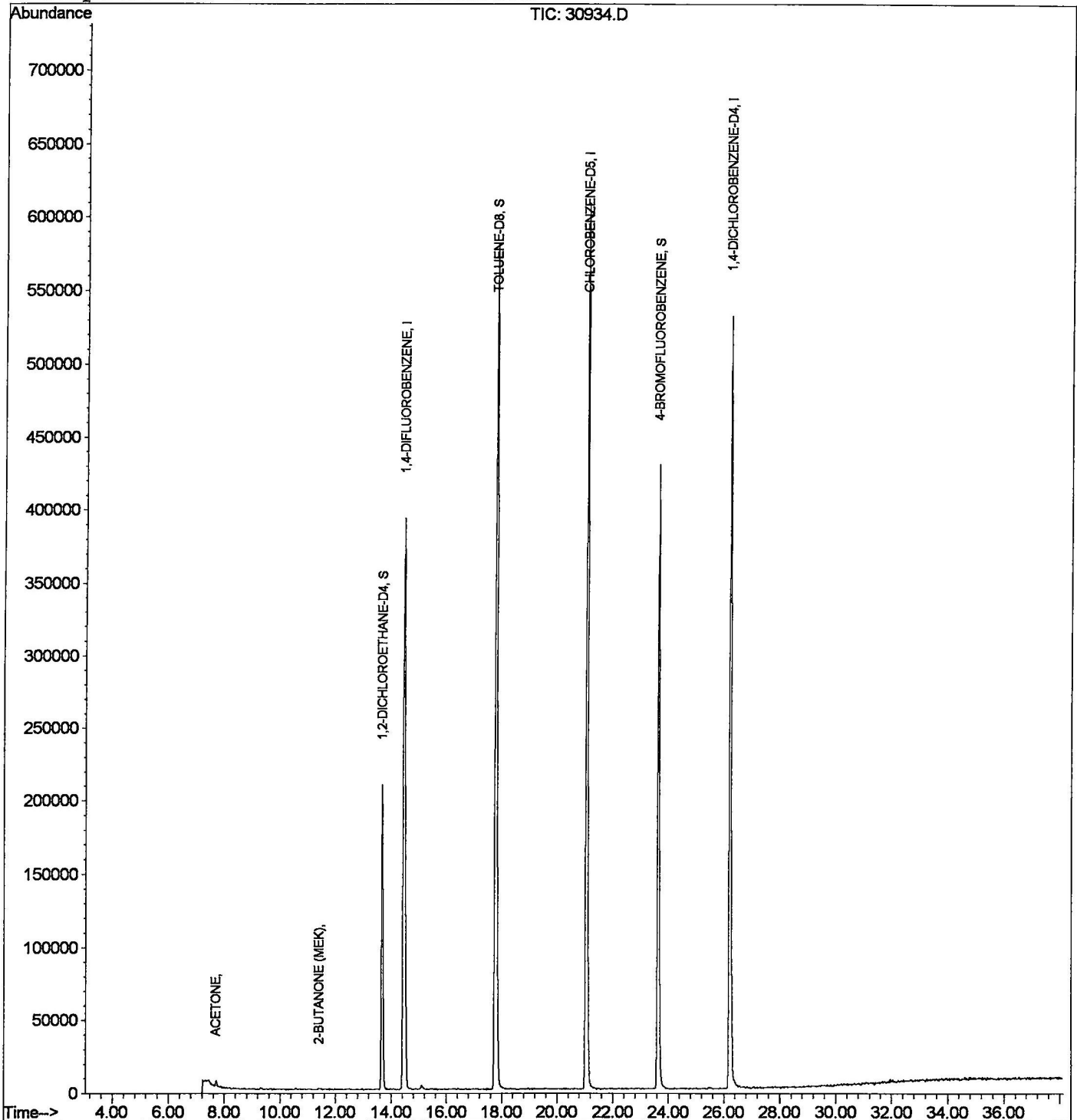
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\30934.D
Acq On : 26 Dec 2001 4:00 pm
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 26 16:39 2001

Vial: 7
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

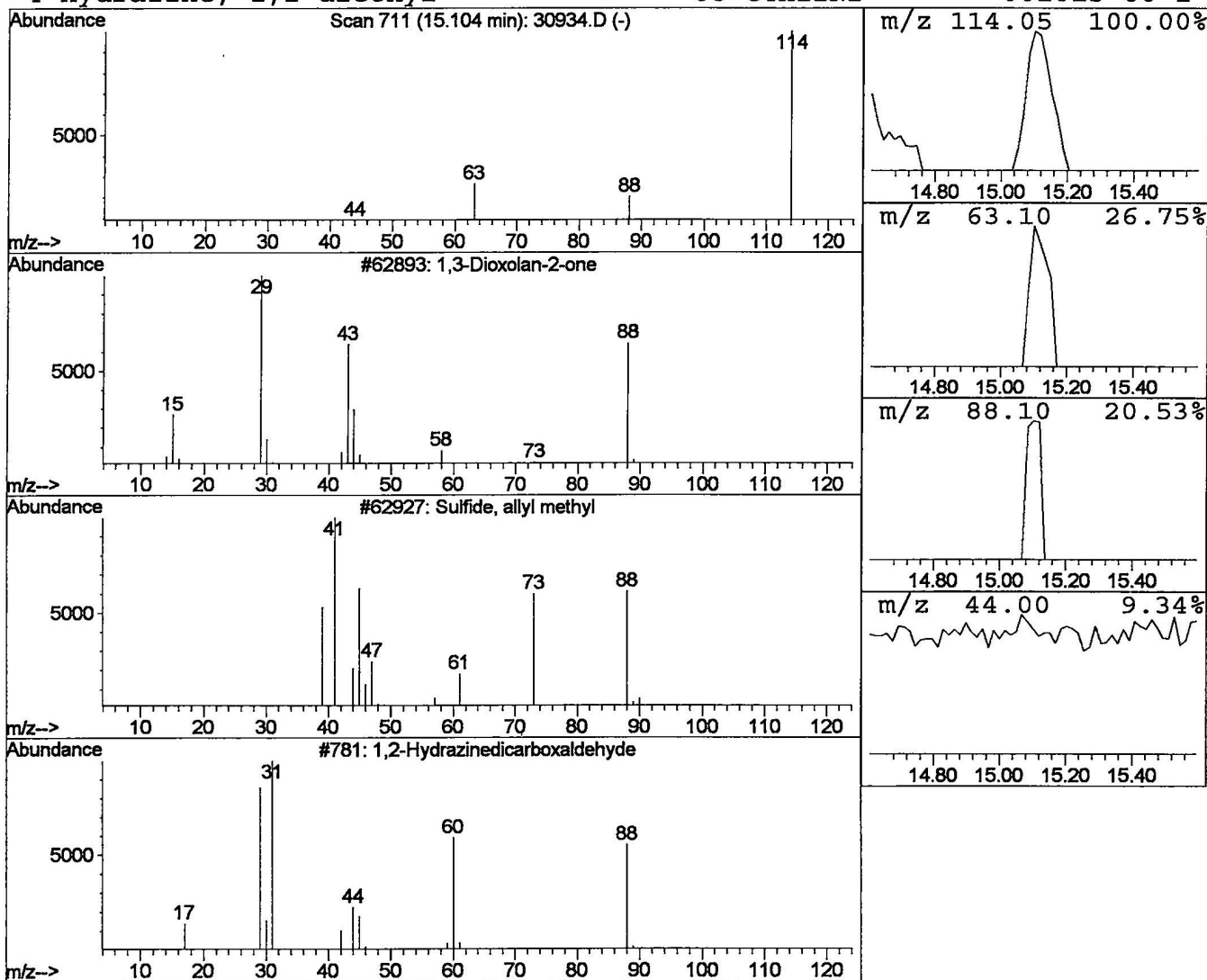
Data File : C:\HPCHEM\1\DATA\01dec26\30934.D
 Acq On : 26 Dec 2001 4:00 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

Vial: 7
 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 1,3-Dioxolan-2-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.10	0.05 ug/L	17980	1,4-DIFLUOROBENZENE	14.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
2	Sulfide, allyl methyl	88	C4H8S	010152-76-8	3
3	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	3
4	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 12:03:10

Sample: AD30935
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/26/01 00:04 Ended: 12/26/01 00:04 Analyst: BH
 Result source: m:\instruments\206\rrfiles\30935.rr
 Page: 1

	Component Name	Vol	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		5.1		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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:03:10

Sample: AD30935

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/26/01 00:04 Ended: 12/26/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\30935.rr

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\01dec26\30935.D
 Acq On : 26 Dec 2001 4:44 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 17:22 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	14.46	114	746189	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	706407	5.00	ug/L	0.08
50) 1,4-DICHLOROBENZENE-D4	26.21	152	341270	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	279135	5.68	ug/L	0.09
Spiked Amount 5.000			Recovery	=	113.60%	
3) 4-BROMOFLUOROBENZENE	23.62	174	237002	4.14	ug/L	0.08
Spiked Amount 5.000			Recovery	=	82.80%	
23) TOLUENE-D8	17.78	98	953458	5.09	ug/L	0.10
Spiked Amount 5.000			Recovery	=	101.80%	
Target Compounds						
10) ACETONE	7.70	43	9415	1.88	ug/L	Qvalue 99
16) 2-BUTANONE (MEK)	11.41	43	2946	0.33	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 30935.D HP121001.M Wed Dec 26 17:23:08 2001

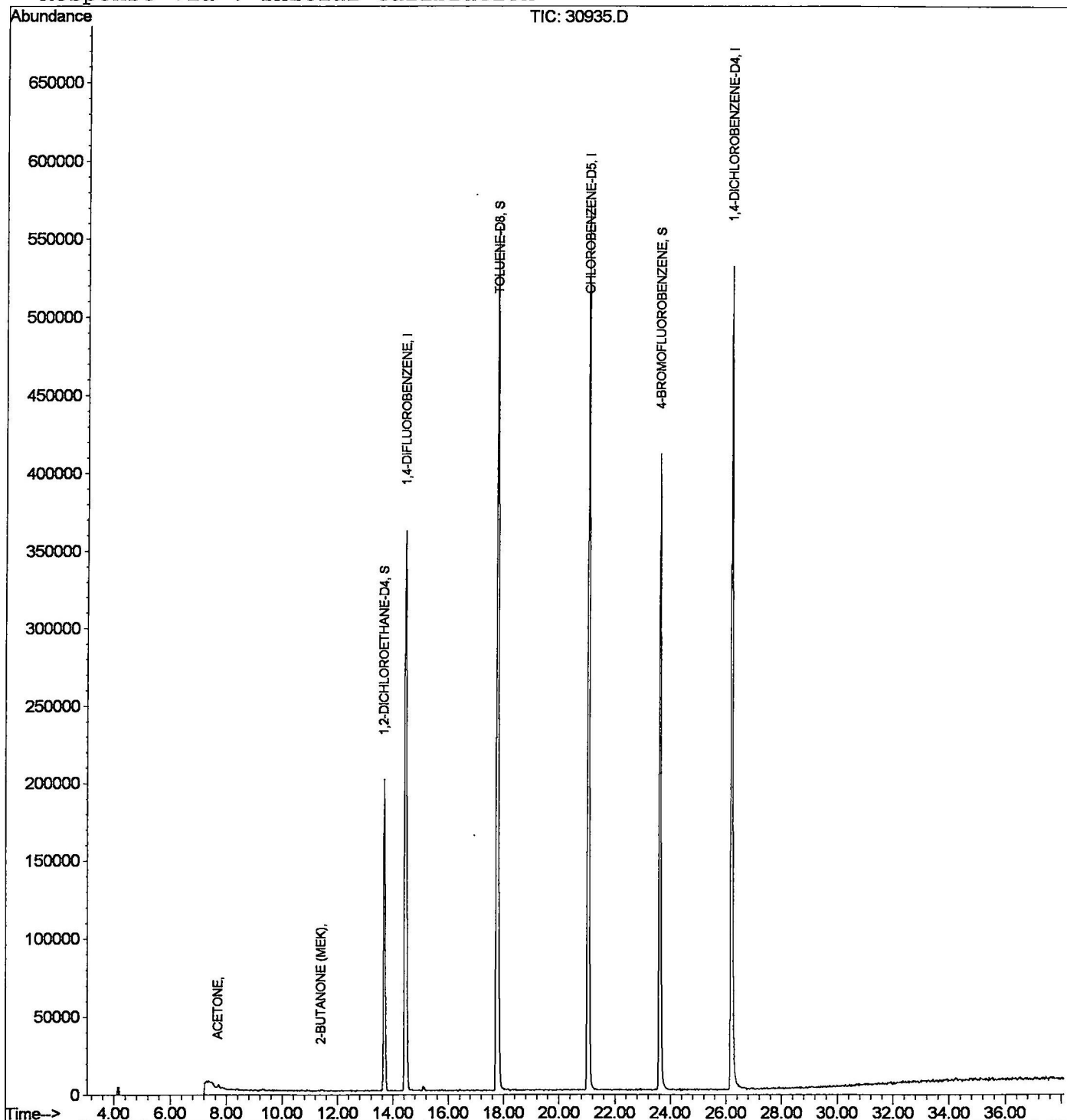
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\30935.D
 Acq On : 26 Dec 2001 4:44 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 17:22 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\01dec26\30935.D
Acq On : 26 Dec 2001 4:44 pm
Sample : 524 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)

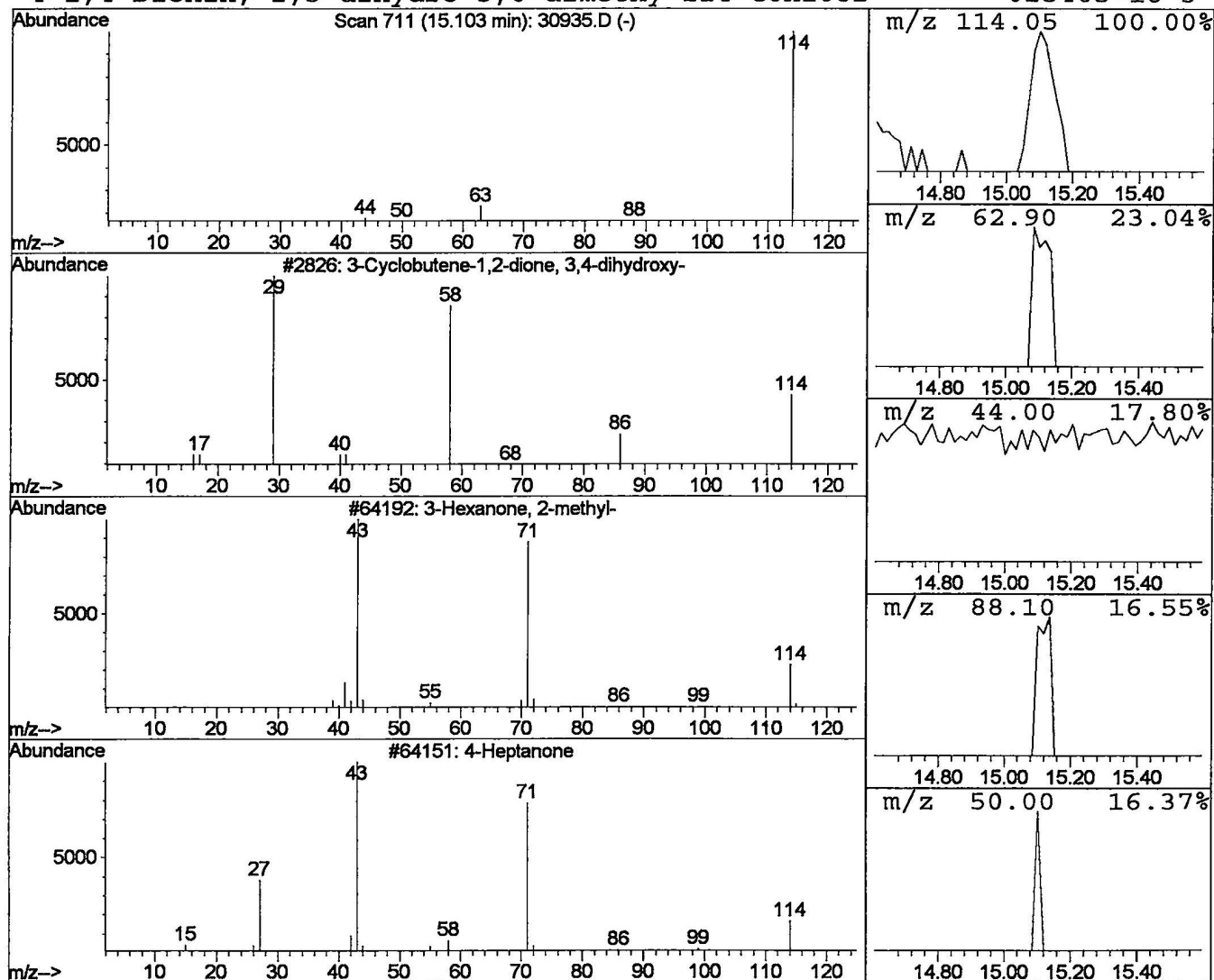
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.04 ug/L	14449	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			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
3			4-Heptanone	114	C7H14O	000123-19-3	3
4			1,4-Dioxin, 2,3-dihydro-5,6-dimethy	114	C6H10O2	025465-18-3	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 11:52:58

Sample: AD30933
 Analysis: \$D_524 Volatile Organic Compounds-Duplicate
 Units: ug
 Started: 12/26/01 00:05 Ended: 12/26/01 00:05 Analyst: BH
 Result source: m:\instruments\206\rrfiles\30933d.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7		.5
2	Surr - 4-BROMOFLUOROBENZ		4.1		.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	*THM-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	*THM-Bromodichloromethane		< MDL		.5
29	Methyl 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	*THM-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	*THM-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: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 11:52:58

Sample: AD30933
Analysis: \$D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 12/26/01 00:05 Ended: 12/26/01 00:05 Analyst: BH
Result source: m:\instruments\206\rrfiles\30933d.rr
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	Hexachlorobutadiene		< MDL		.5
62	Naphthalene		< MDL		.5
63	1,2,3-trichlorobenzene		< MDL		.5

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 11:54:17

Sample: AD30933
 Analysis: \$P_524 Duplicate calculation for 524
 Units: ug
 Started: 12/26/01 00:03 Ended: 12/26/01 00:03 Analyst: BH
 Result source: calculation
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		0.30
2	Surr - 4-BROMOFLUOROBENZ		0.10
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER		< MDL
12	TRANS-1,2-DICHLOROETHEN		< 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		0.10
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-BROMODICHLOROMET		< MDL
29	METHYL ISO-BUTYL KETONE		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMET		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHA		< 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-TETRACHLOROETHA		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL
48	1,2,3-TRICHLOROPROPANE		< MDL

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 11:54:17

Sample: AD30933

Analysis: \$P_524 Duplicate calculation for 524

Units: ug

Started: 12/26/01 00:03 Ended: 12/26/01 00:03 Analyst: BH

Result source: calculation

Page: 2

	Component Name	Viol	Result
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		< MDL
60	N-BUTYLBENZENE		< MDL
61	1,2-DICHLOROBENZENE		< MDL
62	1,2-DIBROMO-3-CHLOROPRO		< MDL
63	1,2,4-TRICHLOROBENZENE		< MDL
64	HEXACHLOROBUTADIENE		< MDL
65	NAPHTHALENE		< MDL
66	1,2,3-TRICHLOROBENZENE		< MDL

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec26\30933D.D
 Acq On : 26 Dec 2001 5:27 pm
 Sample : 524 nyc; dup
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 18:06 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	14.46	114	723959	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	679717	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	324007	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	270835	5.68	ug/L	0.09
Spiked Amount 5.000			Recovery	=	113.60%	
3) 4-BROMOFLUOROBENZENE	23.62	174	225231	4.05	ug/L	0.09
Spiked Amount 5.000			Recovery	=	81.00%	
23) TOLUENE-D8	17.78	98	927111	5.14	ug/L	0.10
Spiked Amount 5.000			Recovery	=	102.80%	
Target Compounds						
10) ACETONE	7.70	43	13253	2.73	ug/L	Qvalue 93
16) 2-BUTANONE (MEK)	11.41	43	2215	0.26	ug/L	64

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

30933D.D HP121001.M Wed Dec 26 18:06:41 2001

Page 1

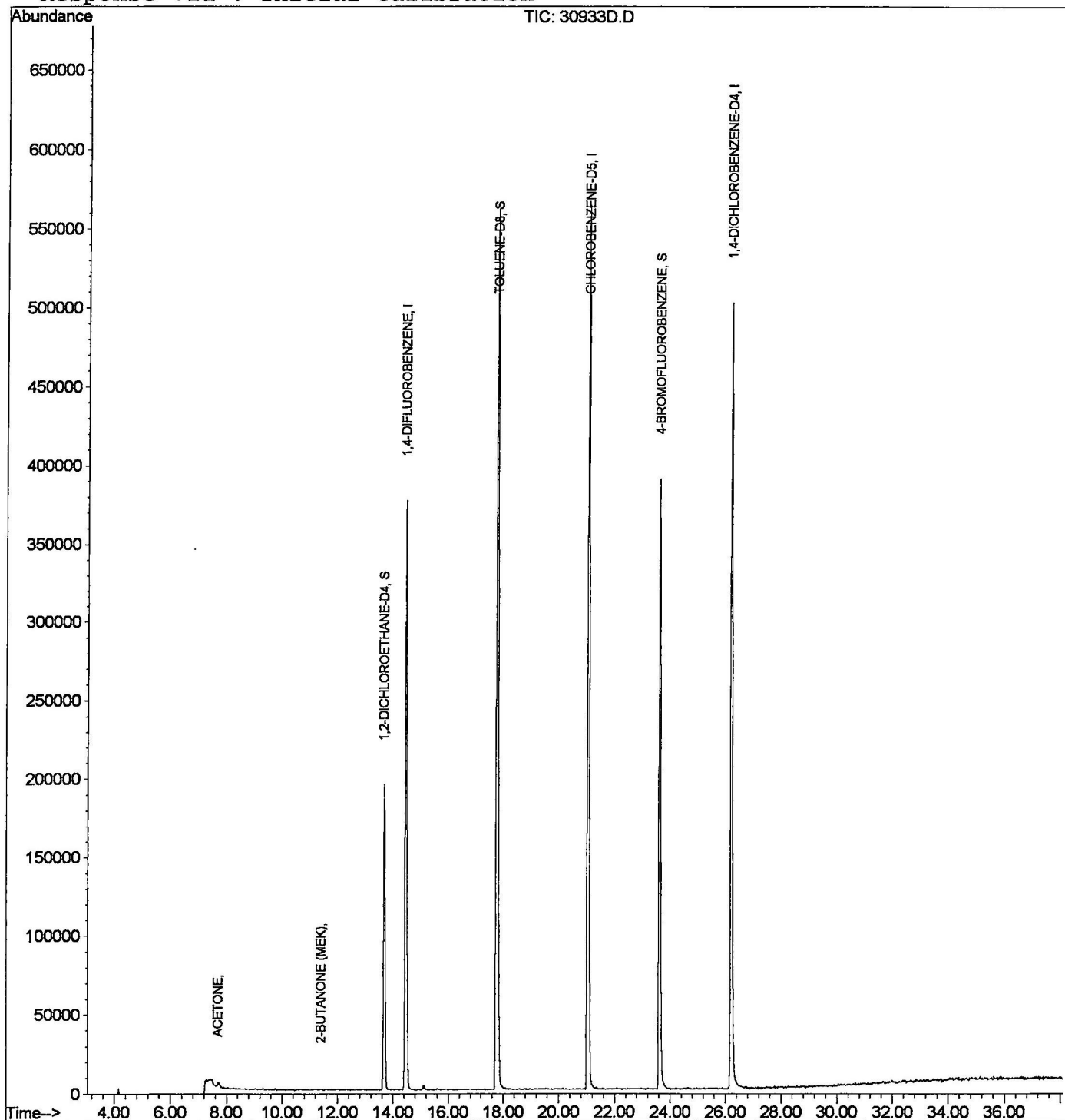
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\30933D.D
 Acq On : 26 Dec 2001 5:27 pm
 Sample : 524 nyc; dup
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 18:06 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 : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



Library Search Compound Report

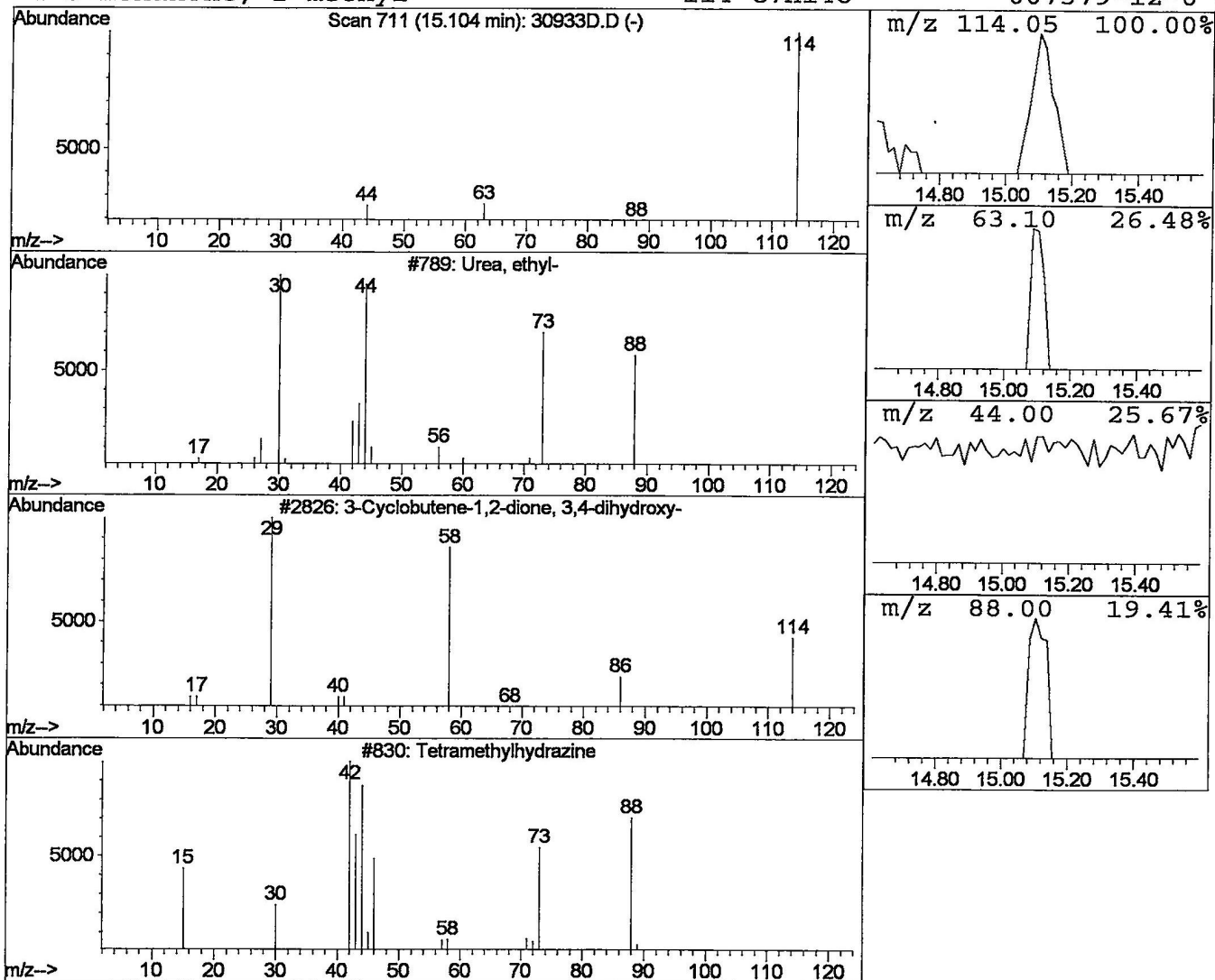
Data File : C:\HPCHEM\1\DATA\01dec26\30933D.D
 Acq On : 26 Dec 2001 5:27 pm
 Sample : 524 nyc; dup
 Misc :
 MS Integration Params: LSCINT.P

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 Urea, ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.03 ug/L	12540	1,4-DIFLUOROBENZENE	14.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Urea, ethyl-	88 C3H8N2O	000625-52-5 4
2		3-Cyclobutene-1,2-dione, 3,4-dihydr	114 C4H2O4	002892-51-5 4
3		Tetramethylhydrazine	88 C4H12N2	006415-12-9 4
4		3-Hexanone, 2-methyl-	114 C7H14O	007379-12-6 4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 11:35:08

Sample: AD30933

Analysis: \$C2524 Volatile Organic Compounds-Cal 2

Units: ug

Started: 12/26/01 00:06 Ended: 12/26/01 00:06 Analyst: BH

Result source: m:\instruments\206\rrfiles\1226c10b.rr

Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.8		.5
2	Surr_4-BROMOFLUOROBENZE		5.7		.5
3	Dichlorodifluoromethane		13		.5
4	Chloromethane	USPEC	16		.5
5	Vinyl chloride	USPEC	18		.5
6	Bromomethane	USPEC	14		.5
7	Chloroethane	USPEC	14		.5
8	Trichlorofluoromethane		12		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		11		.5
11	Methyl tert-butyl ether (MTBE)		8.9		1.0
12	trans-1,2-dichloroethene		10		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		9.3		2.0
15	2,2-dichloropropane		10		.5
16	cis-1,2-dichloroethene		9.5		.5
17	Chloroform		11		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		11		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		11		.5
24	Benzene		9.9		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		9.9		.5
27	Dibromomethane		9.5		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		8.4		1.0
30	cis-1,3-dichloropropene		9.8		.5
31	Toluene		9.7		.5
32	trans-1,3-dichloropropene		11		.5
33	1,1,2-trichloroethane		10		.5
34	Tetrachloroethene		9.6		.5
35	1,3-dichloropropane		10		.5
36	Dibromochloromethane		11		2.0
37	Chlorobenzene		9.7		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		20		.5
41	O-xylene		11		.5
42	Styrene		10		.5
43	1,1,2,2-tetrachloroethane		12		.5
44	Bromoform		8.6		2.0
45	Isopropylbenzene		7.8		.5
46	1,2,3-trichloropropane		8.2		.5
47	N-propylbenzene		8.3		.5
48	Bromobenzene		8.5		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 11:35:08

Sample: AD30933
Analysis: \$C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 12/26/01 00:06 Ended: 12/26/01 00:06 Analyst: BH
Result source: m:\instruments\206\rrfiles\1226c10b.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		8.1		.5
50	2-chlorotoluene		8.2		.5
51	4-chlorotoluene		8.8		.5
52	TERT-butylbenzene		8.6		.5
53	1,2,4-trimethylbenzene		8.5		.5
54	SEC-butylbenzene		8.5		.5
55	P-isopropyltoluene		8.6		.5
56	1,3-dichlorobenzene		9.2		.5
57	1,4-dichlorobenzene		9.1		.5
58	N-butylbenzene		9.5		.5
59	1,2-dichlorobenzene		9.6		.5
60	1,2,4-trichlorobenzene		9.7		.5
61	Hexachlobutadiene		9.5		.5
62	Naphthalene		9.6		.5
63	1,2,3-trichlorobenzene		9.8		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec26\1226C10B.D

Vial: 9

Acq On : 26 Dec 2001 6:11 pm

Operator: 206-BH

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 26 18:50 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	708401	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	689604	5.00	ug/L	0.08
50) 1,4-DICHLOROBENZENE-D4	26.21	152	515054	5.00	ug/L	0.10

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.67	65	269169	5.77	ug/L	0.09
Spiked Amount	5.000		Recovery	=	115.40%	
3) 4-BROMOFLUOROBENZENE	23.62	174	309373	5.69	ug/L	0.08
Spiked Amount	5.000		Recovery	=	113.80%	
23) TOLUENE-D8	17.78	98	912107	4.99	ug/L	0.10
Spiked Amount	5.000		Recovery	=	99.80%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.50	85	299273	12.95	ug/L	98
5) CHLOROMETHANE	5.02	50	229041	15.93	ug/L	99
6) VINYL CHLORIDE	5.19	62	256815	17.96	ug/L	96
7) BROMOMETHANE	6.09	94	181027	14.48	ug/L	98
8) CHLOROETHANE	6.23	64	138194	14.10	ug/L	97
9) TRICHLOROFLUOROMETHANE	6.77	101	373676	12.04	ug/L	99
10) ACETONE	7.70	43	45794	9.64	ug/L	96
11) 1,1-DICHLOROETHENE	8.04	61	427846	10.63	ug/L	94
12) METHYLENE CHLORIDE	9.02	49	447894	11.48	ug/L	93
13) METHYL TERT BUTYL ETHER	9.31	73	457682	8.89	ug/L	97
14) TRANS-1,2-DICHLOROETHENE	9.67	61	450848	10.33	ug/L	93
15) 1,1-DICHLOROETHANE	10.55	63	574259	10.54	ug/L	97
16) 2-BUTANONE (MEK)	11.37	43	77954	9.29	ug/L	97
17) 2,2-DICHLOROPROPANE	11.75	77	450701	10.04	ug/L	98
18) CIS-1,2-DICHLOROETHENE	11.83	96	290521	9.52	ug/L	93
19) CHLOROFORM	12.17	83	575201	11.07	ug/L	99
20) BROMOCHLOROMETHANE	12.55	49	271519	11.01	ug/L	92
21) 1,2-DICHLOROETHANE	13.88	62	375345	10.73	ug/L	98
24) 1,1,1-TRICHLOROETHANE	13.06	97	465408	10.99	ug/L	99
25) 1,1-DICHLOROPROPENE	13.38	75	431891	10.33	ug/L	99
26) CARBON TETRACHLORIDE	13.62	117	410187	11.39	ug/L	99
27) BENZENE	13.98	78	1206297	9.93	ug/L	99
28) TRICHLOROETHENE	15.24	95	324774	9.98	ug/L	99
29) 1,2-DICHLOROPROPANE	15.60	63	335063	9.90	ug/L	98
30) DIBROMOMETHANE	16.24	174	114542	9.51	ug/L	97
31) BROMODICHLOROMETHANE	16.09	83	430610	11.04	ug/L	98
32) 2-CHLOROETHYL VINYL ETHER	16.60	63	103790	8.26	ug/L	94
33) Methyl iso-butyl ketone	16.67	58	54224	8.39	ug/L	99

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

1226C10B.D HP121001.M

Wed Dec 26 18:50:13 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec26\1226C10B.D
 Acq On : 26 Dec 2001 6:11 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 18:50 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	17.18	75	478620	9.80	ug/L	99
35) TOLUENE	17.95	91	1333447	9.72	ug/L	98
36) TRANS-1,3-DICHLOROPROPENE	18.22	75	400548	10.56	ug/L	99
37) 1,1,2-TRICHLOROETHANE	18.60	97	189745	10.10	ug/L	97
38) TETRACHLOROETHENE	19.38	166	309546	9.57	ug/L	99
39) 1,3-DICHLOROPROPANE	19.12	76	370105	10.20	ug/L	99
40) DIBROMOCHLOROMETHANE	19.80	129	240862	10.55	ug/L	100
41) 1,2-DIBROMOETHANE	20.25	107	170501	9.54	ug/L	100
42) CHLOROBENZENE	21.13	112	882229	9.67	ug/L	99
43) 1,1,1,2-TETRACHLOROETHANE	21.18	131	313372	10.54	ug/L	97
44) 2-HEXANONE	18.51	43	101909	9.44	ug/L	95
45) ETHYLBENZENE	21.18	91	1718520	10.18	ug/L	98
46) P & M-XYLENE	21.34	106	1265179	19.94	ug/L	99
47) O-XYLENE	22.31	91	1452492	10.79	ug/L	98
48) STYRENE	22.38	104	1079659	10.31	ug/L	99
49) 1,1,2,2-TETRACHLOROETHANE	23.38	83	237638	11.83	ug/L	99
51) BROMOFORM	23.20	173	134229	8.62	ug/L	96
52) ISOPROPYLBENZENE	23.02	105	1752951	7.79	ug/L	98
53) 1,2,3-TRICHLOROPROPANE	23.71	110	67376	8.21	ug/L	98
54) N-PROPYLBENZENE	23.89	91	2408914	8.26	ug/L	100
55) BROMOBENZENE	24.13	156	405951	8.47	ug/L	89
56) 1,3,5-TRIMETHYLBENZENE	24.22	105	1564289	8.05	ug/L	99
57) 2-CHLOROTOLUENE	24.37	91	1519041	8.21	ug/L	96
58) 4-CHLOROTOLUENE	24.44	91	1463574	8.84	ug/L	99
59) TERT-BUTYLBENZENE	25.00	134	357572	8.61	ug/L	99
60) 1,2,4-TRIMETHYLBENZENE	25.10	105	1712547	8.49	ug/L	99
61) SEC-BUTYLBENZENE	25.46	105	2312698	8.55	ug/L	98
62) P-ISOPROPYLTOLUENE	25.72	119	1867181	8.59	ug/L	99
63) 1,3-DICHLOROBENZENE	26.06	146	947976	9.15	ug/L	99
64) 1,4-DICHLOROBENZENE	26.28	146	944007	9.11	ug/L	98
65) N-BUTYLBENZENE	26.60	91	1977465	9.51	ug/L	98
66) 1,2-DICHLOROBENZENE	27.11	146	819668	9.59	ug/L	98
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.77	157	42294	9.68	ug/L	99
68) NITROBENZENE	28.97	77	318269	176.70	ug/L	97
69) 1,2,4-TRICHLOROBENZENE	30.71	180	461332	9.73	ug/L	100
70) HEXACHLOROBUTADIENE	30.95	225	273266	9.49	ug/L	97
71) NAPHTHALENE	31.37	128	501065	9.59	ug/L	98
72) 1,2,3-TRICHLOROBENZENE	31.94	180	340620	9.79	ug/L	99

 (#) = qualifier out of range (m) = manual integration
 1226C10B.D HP121001.M Wed Dec 26 18:50:16 2001

Page 2

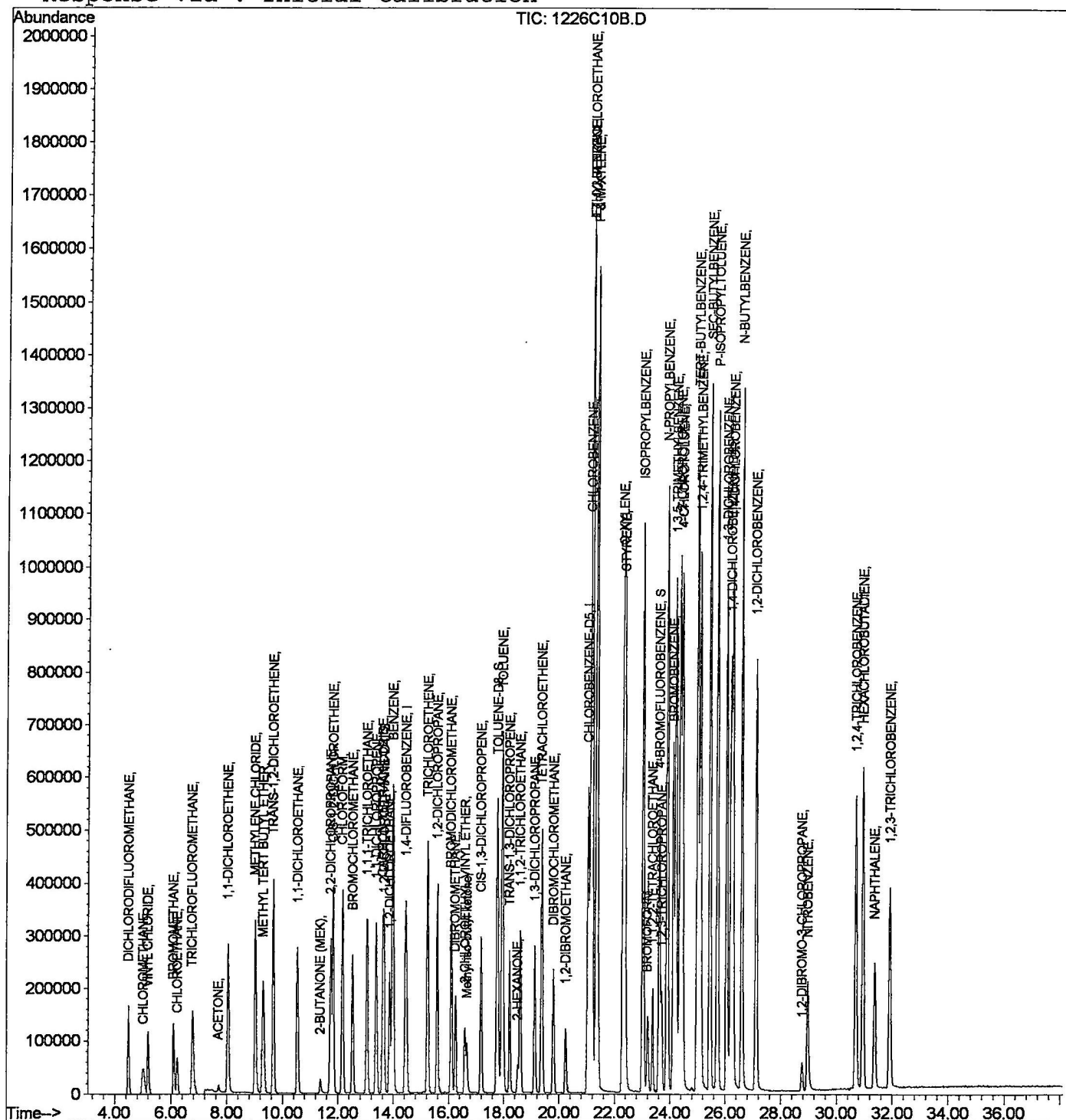
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\1226C10B.D
 Acq On : 26 Dec 2001 6:11 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 18:50 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 : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 12:04:46

Sample: AD31073
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/26/01 00:07 Ended: 12/26/01 00:07 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31073.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.2		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 17
 DATE 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:04:46

Sample: AD31073

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/26/01 00:07 Ended: 12/26/01 00:07 Analyst: BH

Result source: m:\instruments\206\rrfiles\31073.rr

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\01dec26\31073.D

Vial: 9

Acq On : 26 Dec 2001 7:38 pm

Operator: 206-BH

Sample : 524 nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 26 20:17 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	693947	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	679203	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	316974	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	269680	5.90	ug/L	0.09
Spiked Amount 5.000			Recovery	=	118.00%	
3) 4-BROMOFLUOROBENZENE	23.64	174	223288	4.19	ug/L	0.10
Spiked Amount 5.000			Recovery	=	83.80%	
23) TOLUENE-D8	17.78	98	918195	5.10	ug/L	0.10
Spiked Amount 5.000			Recovery	=	102.00%	
Target Compounds						
10) ACETONE	7.70	43	29640	6.37	ug/L	95
16) 2-BUTANONE (MEK)	11.42	43	1848	0.22	ug/L	64

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

31073.D HP121001.M Wed Dec 26 20:17:21 2001

Page 1

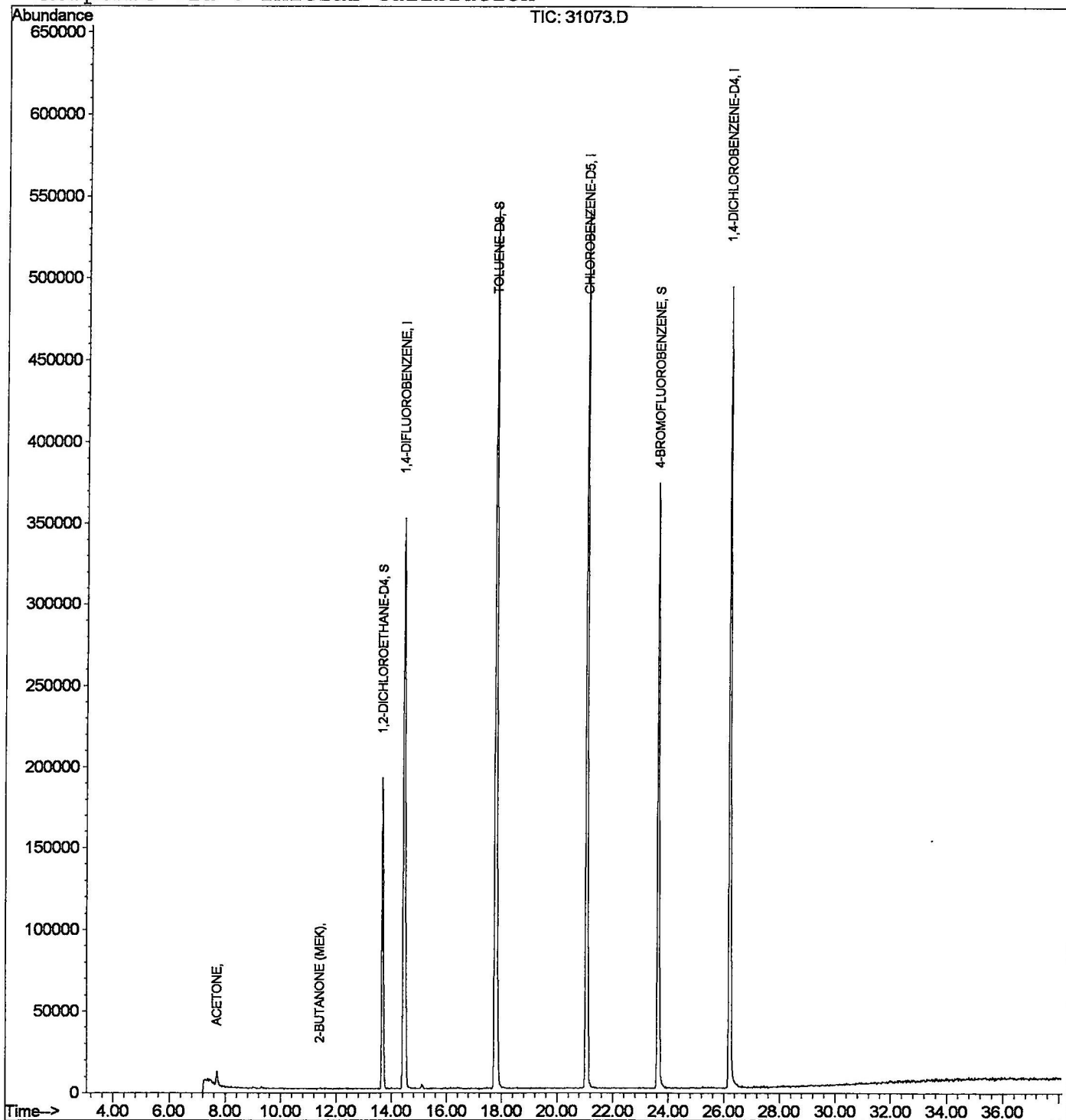
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\31073.D
 Acq On : 26 Dec 2001 7:38 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 20:17 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 : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec26\31073.D
 Acq On : 26 Dec 2001 7:38 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

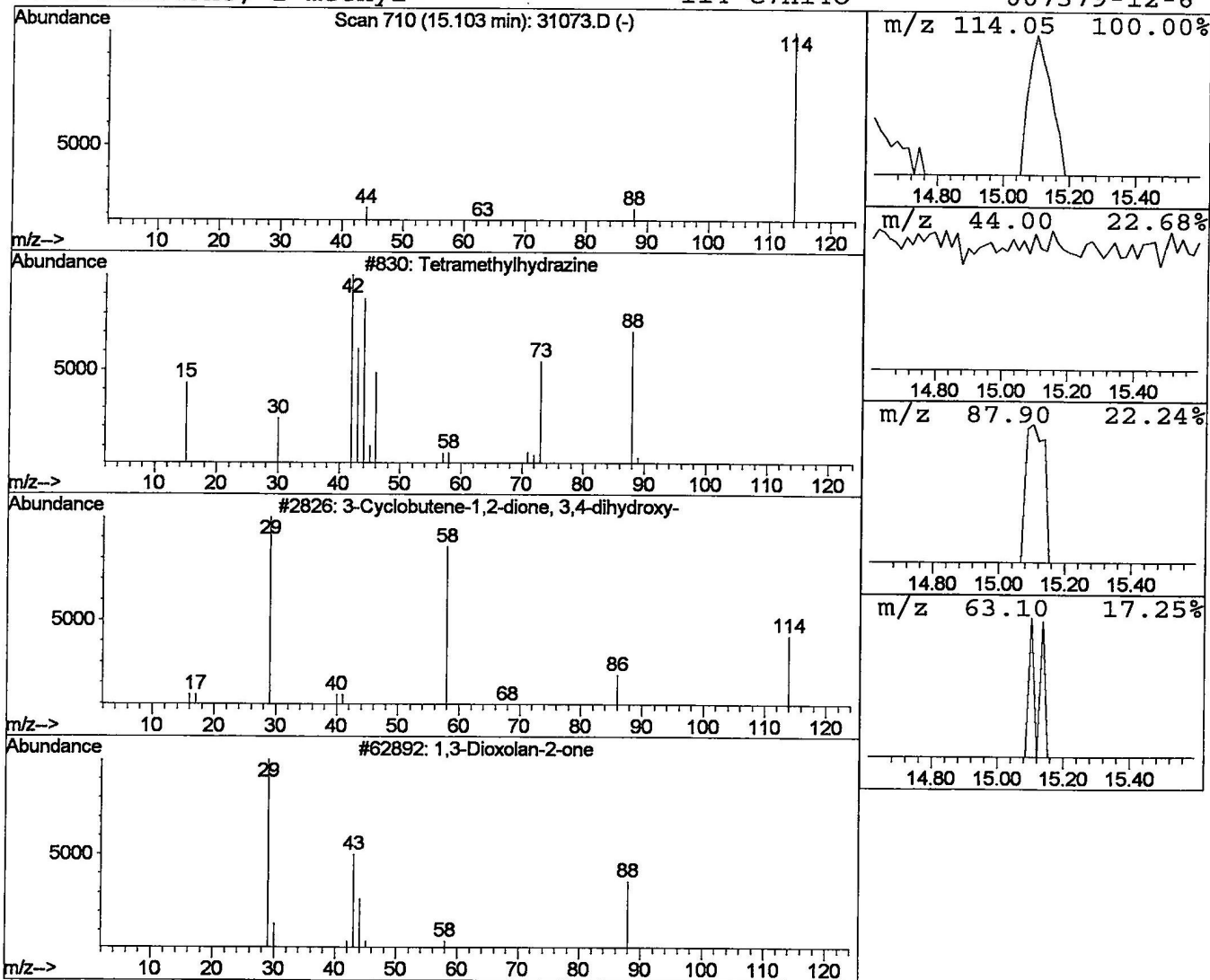
Vial: 9
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 2 Tetramethylhydrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.03 ug/L	11533	1,4-DIFLUOROBENZENE	14.46

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
2	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
3	1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 12:08:32

Sample: AD31074

Analysis: \$524 Volatile Organic Compounds

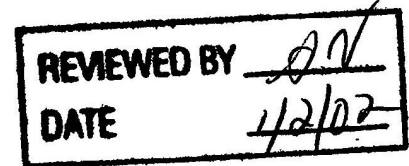
Units: ug

Started: 12/26/01 00:08 Ended: 12/26/01 00:08 Analyst: BH

Result source: m:\instruments\206\rrfiles\31074.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		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		5.0		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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:08:32

Sample: AD31074

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/26/01 00:08 Ended: 12/26/01 00:08 Analyst: BH

Result source: m:\instruments\206\rrfiles\31074.rr

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\01dec26\31074.D
 Acq On : 26 Dec 2001 8:22 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 21:00 2001

Vial: 10
 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	667956	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	649874	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	308084	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	259199	5.89	ug/L	0.09
Spiked Amount 5.000			Recovery	=	117.80%	
3) 4-BROMOFLUOROBENZENE	23.64	174	210696	4.11	ug/L	0.10
Spiked Amount 5.000			Recovery	=	82.20%	
23) TOLUENE-D8	17.78	98	866899	5.03	ug/L	0.10
Spiked Amount 5.000			Recovery	=	100.60%	
Target Compounds						
10) ACETONE	7.72	43	11474	2.56	ug/L	93
16) 2-BUTANONE (MEK)	11.44	43	1962	0.25	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 31074.D HP121001.M Wed Dec 26 21:01:03 2001

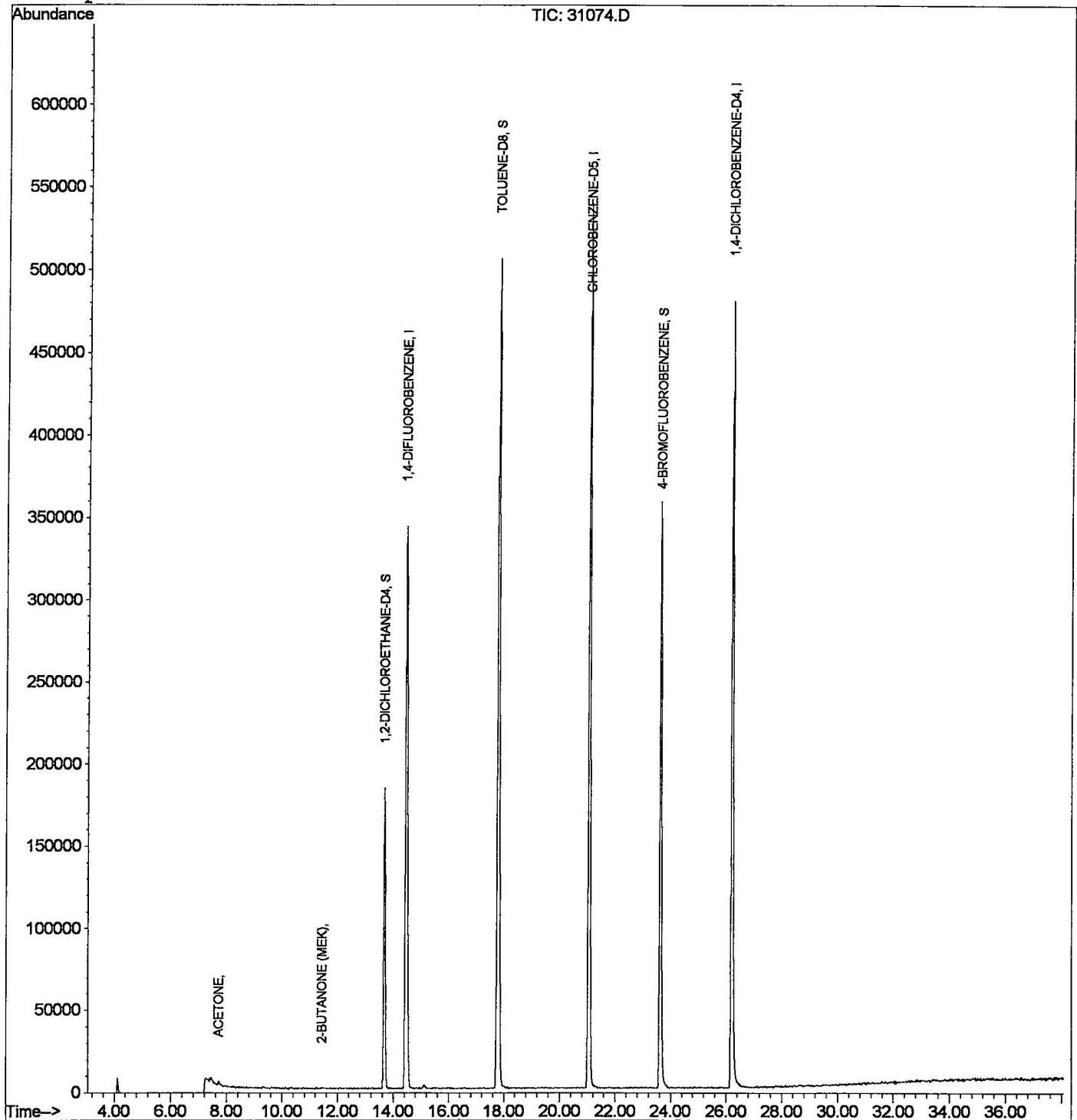
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\31074.D
Acq On : 26 Dec 2001 8:22 pm
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 26 21:00 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 : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



31074.D HP121001.M

Wed Dec 26 21:01:07 2001

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec26\31074.D
 Acq On : 26 Dec 2001 8:22 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

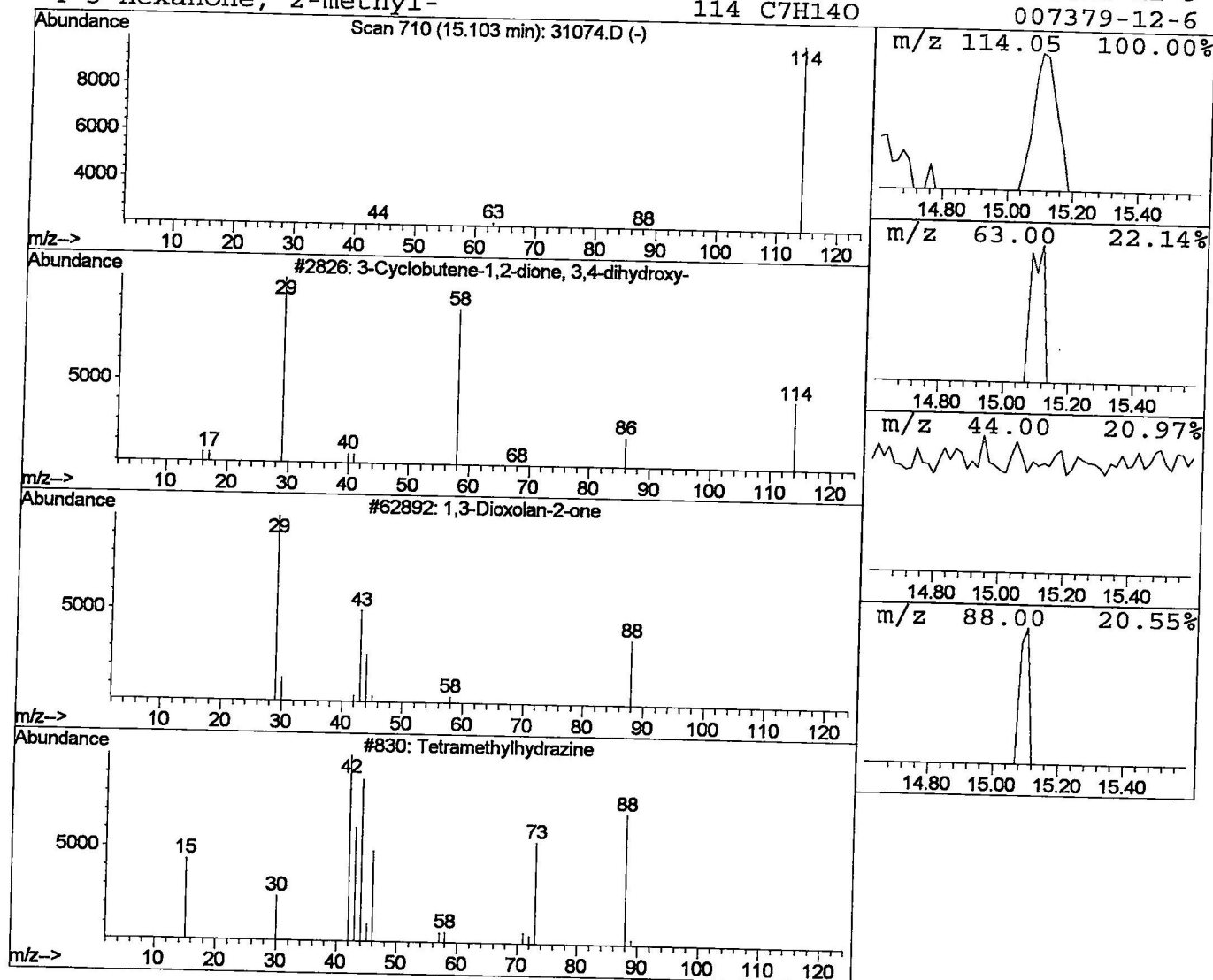
Vial: 10
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 6 3-Cyclobutene-1,2-dione, 3,4-d Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.04 ug/L	12731	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		1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
3		Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
4		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 12:09:45

Sample: AD31075

Analysis: \$524 Volatile Organic Compounds

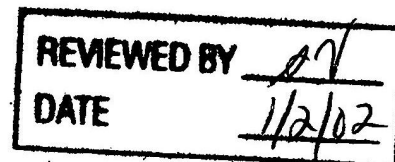
Units: ug

Started: 12/26/01 00:09 Ended: 12/26/01 00:09 Analyst: BH

Result source: m:\instruments\206\rrfiles\31075.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:09:45

Sample: AD31075

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/26/01 00:09 Ended: 12/26/01 00:09 Analyst: BH

Result source: m:\instruments\206\rrfiles\31075.rr

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\01dec26\31075.D
 Acq On : 26 Dec 2001 9:05 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 21:44 2001

Vial: 11
 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	14.47	114	666718	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.07	117	630183	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.21	152	300451	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	260005	5.92	ug/L	0.10
Spiked Amount 5.000			Recovery	=	118.40%	
3) 4-BROMOFLUOROBENZENE	23.64	174	206432	4.03	ug/L	0.10
Spiked Amount 5.000			Recovery	=	80.60%	
23) TOLUENE-D8	17.78	98	864795	5.18	ug/L	0.10
Spiked Amount 5.000			Recovery	=	103.60%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.42	43	1149	0.15	ug/L	Qvalue 64

 (#) = qualifier out of range (m) = manual integration
 31075.D HP121001.M Wed Dec 26 21:44:16 2001

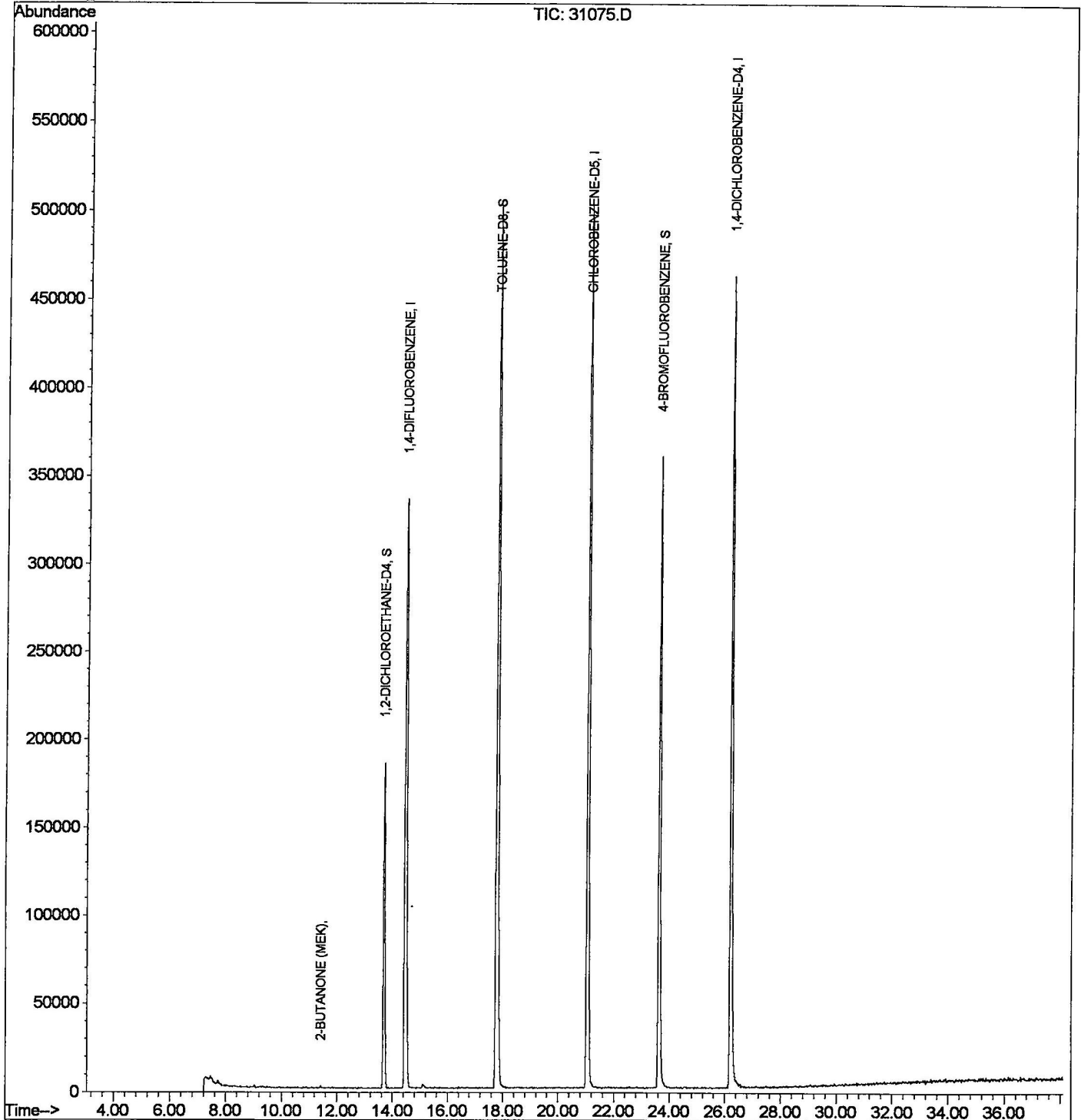
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\31075.D
 Acq On : 26 Dec 2001 9:05 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 21:44 2001

Vial: 11
 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

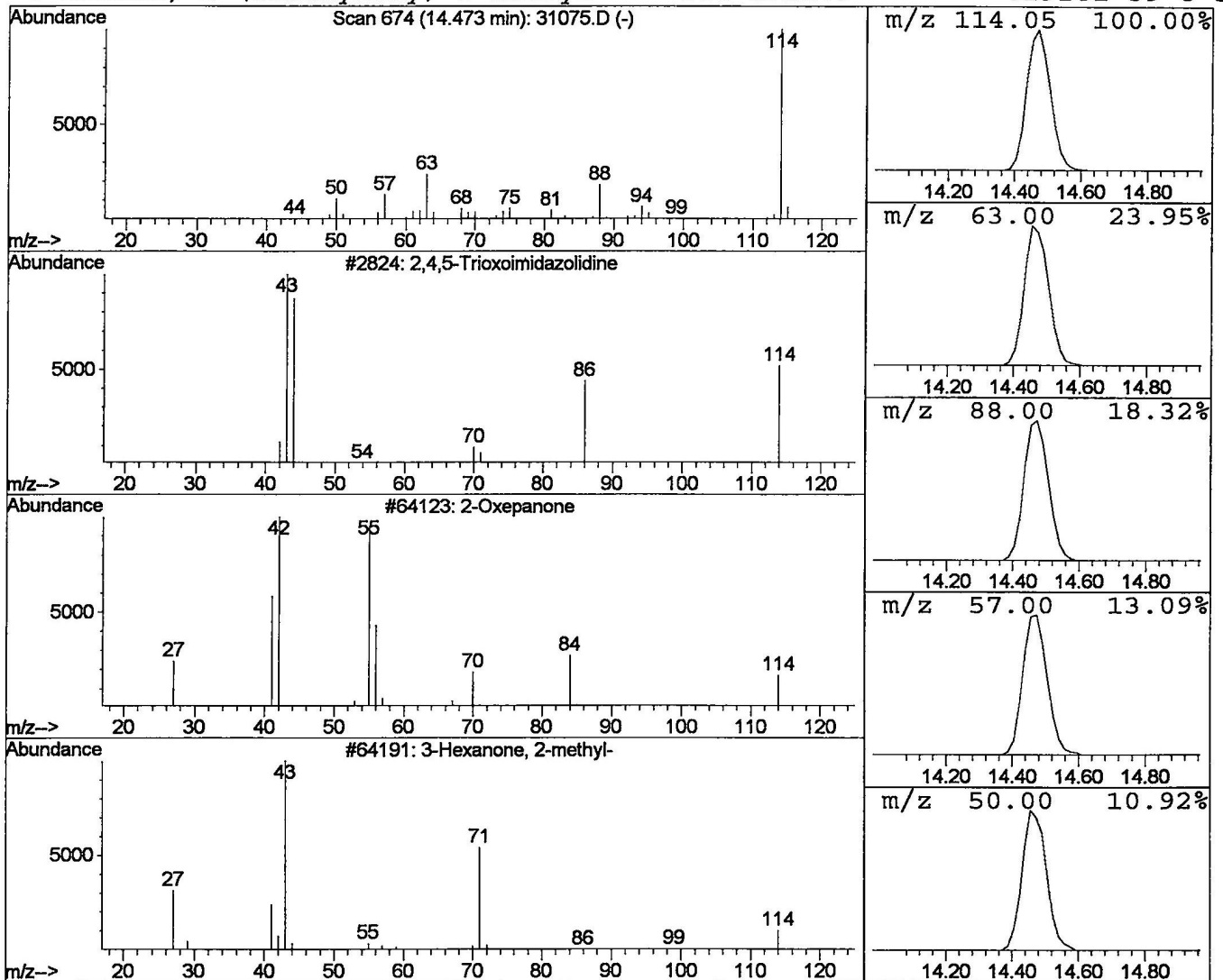
Data File : C:\HPCHEM\1\DATA\01DEC26\31075.D
 Acq On : 26 Dec 2001 9:05 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.47	5.00 ug/L	1693070	1,4-DIFLUOROBENZENE	14.47		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	5
2		2-Oxepanone	114	C6H10O2	000502-44-3	3
3		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	3
4		Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 12:11:33

Sample: AD31216
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/26/01 00:09 Ended: 12/26/01 00:09 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31216.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		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	<u>2V</u>
DATE	<u>1/2/02</u>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:11:33

Sample: AD31216

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/26/01 00:09 Ended: 12/26/01 00:09 Analyst: BH

Result source: m:\instruments\206\rrfiles\31216.rr

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\01dec26\31216.D
 Acq On : 26 Dec 2001 9:48 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 22:27 2001

Vial: 12
 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	14.47	114	646849	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.07	117	614885	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	289298	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	251434	5.90	ug/L	0.10
Spiked Amount 5.000			Recovery	=	118.00%	
3) 4-BROMOFLUOROBENZENE	23.64	174	197173	3.97	ug/L	0.10
Spiked Amount 5.000			Recovery	=	79.40%	
23) TOLUENE-D8	17.78	98	837163	5.14	ug/L	0.10
Spiked Amount 5.000			Recovery	=	102.80%	
Target Compounds						Qvalue
10) ACETONE	7.71	43	12525	2.89	ug/L	97
16) 2-BUTANONE (MEK)	11.42	43	2330	0.30	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 31216.D HP121001.M Wed Dec 26 22:27:38 2001

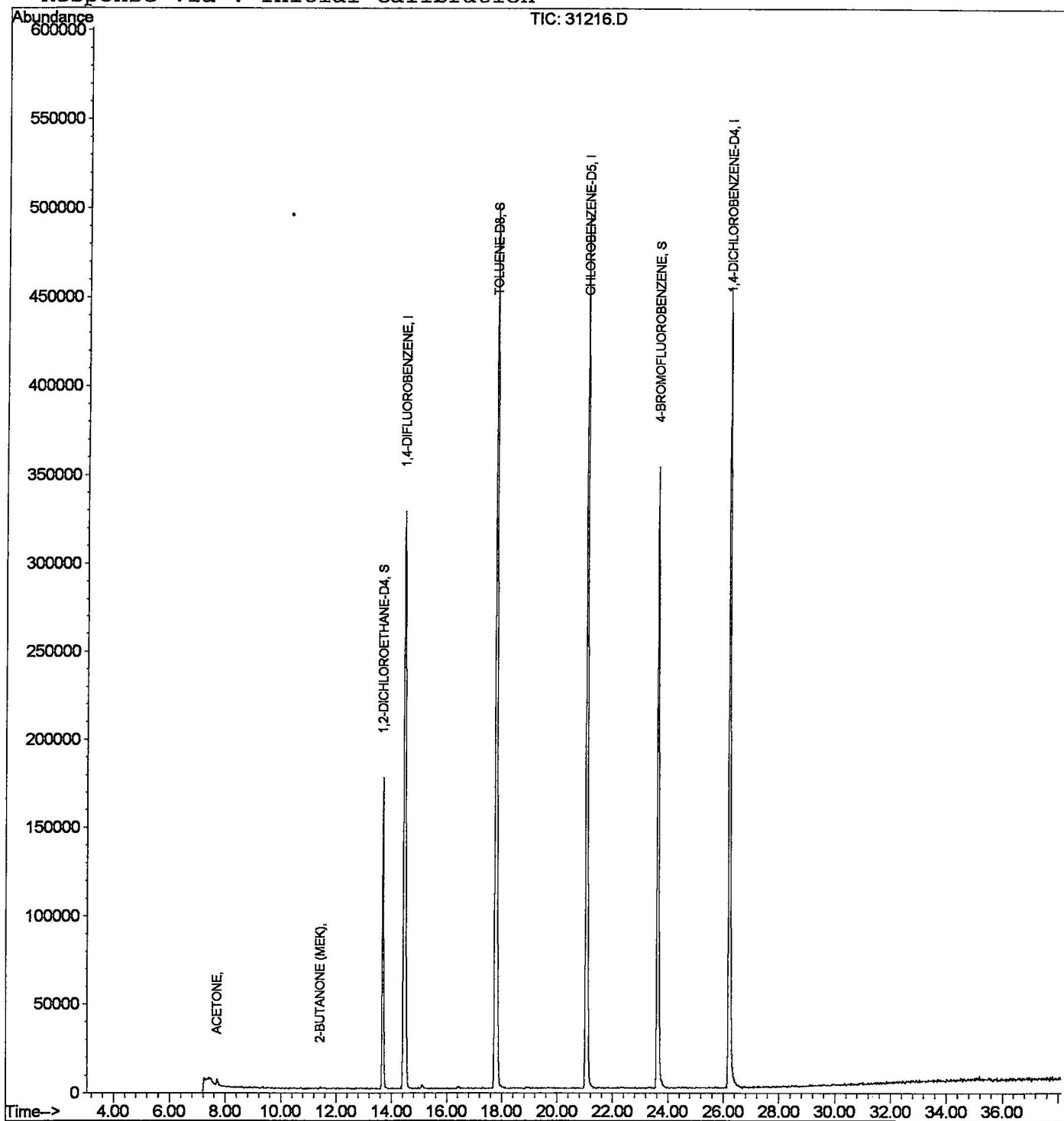
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\31216.D
Acq On : 26 Dec 2001 9:48 pm
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 26 22:27 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 : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Library Search Compound Report

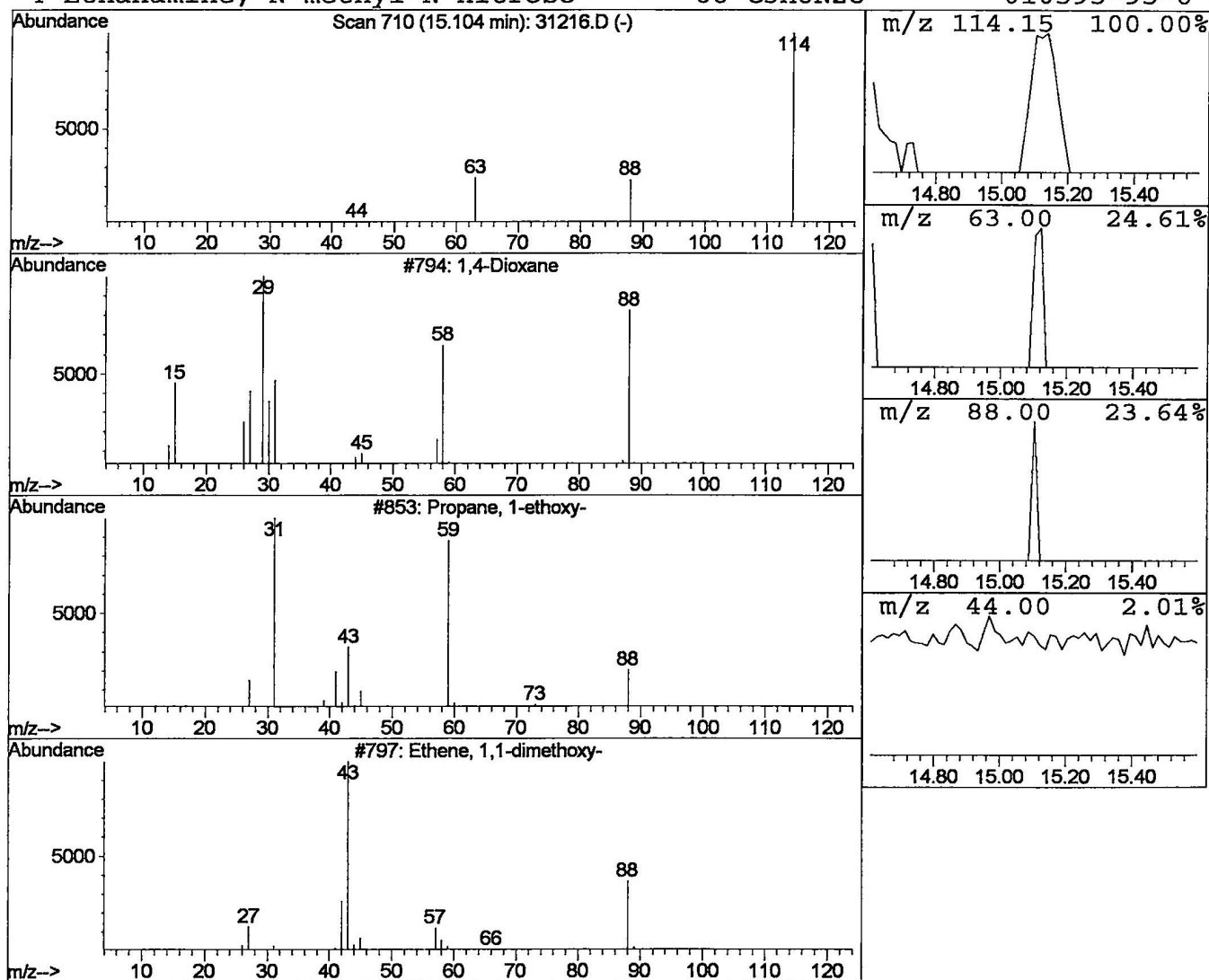
Data File : C:\HPCHEM\1\DATA\01dec26\31216.D
 Acq On : 26 Dec 2001 9:48 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

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 2 1,4-Dioxane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.03 ug/L	8476	1,4-DIFLUOROBENZENE	14.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Dioxane	88 C4H8O2	000123-91-1	3
2	Propane, 1-ethoxy-	88 C5H12O	000628-32-0	3
3	Ethene, 1,1-dimethoxy-	88 C4H8O2	000922-69-0	3
4	Ethanamine, N-methyl-N-nitroso-	88 C3H8N2O	010595-95-6	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 12:13:05

Sample: AD31217
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/26/01 00:00 Ended: 12/26/01 00:00 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31217.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.1		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 AN
 DATE 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:13:05

Sample: AD31217

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/26/01 00:00 Ended: 12/26/01 00:00 Analyst: BH

Result source: m:\instruments\206\rrfiles\31217.rr

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\01dec26\31217.D
 Acq On : 26 Dec 2001 10:32 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 23:10 2001

Vial: 13
 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	630807	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	602816	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.23	152	285566	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	251591	6.06	ug/L	0.10
Spiked Amount 5.000			Recovery	=	121.20%	
3) 4-BROMOFLUOROBENZENE	23.64	174	193577	4.00	ug/L	0.10
Spiked Amount 5.000			Recovery	=	80.00%	
23) TOLUENE-D8	17.78	98	825506	5.16	ug/L	0.10
Spiked Amount 5.000			Recovery	=	103.20%	
Target Compounds						
10) ACETONE	7.72	43	11188	2.64	ug/L	Qvalue 87
16) 2-BUTANONE (MEK)	11.41	43	1586	0.21	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 31217.D HP121001.M Wed Dec 26 23:11:10 2001

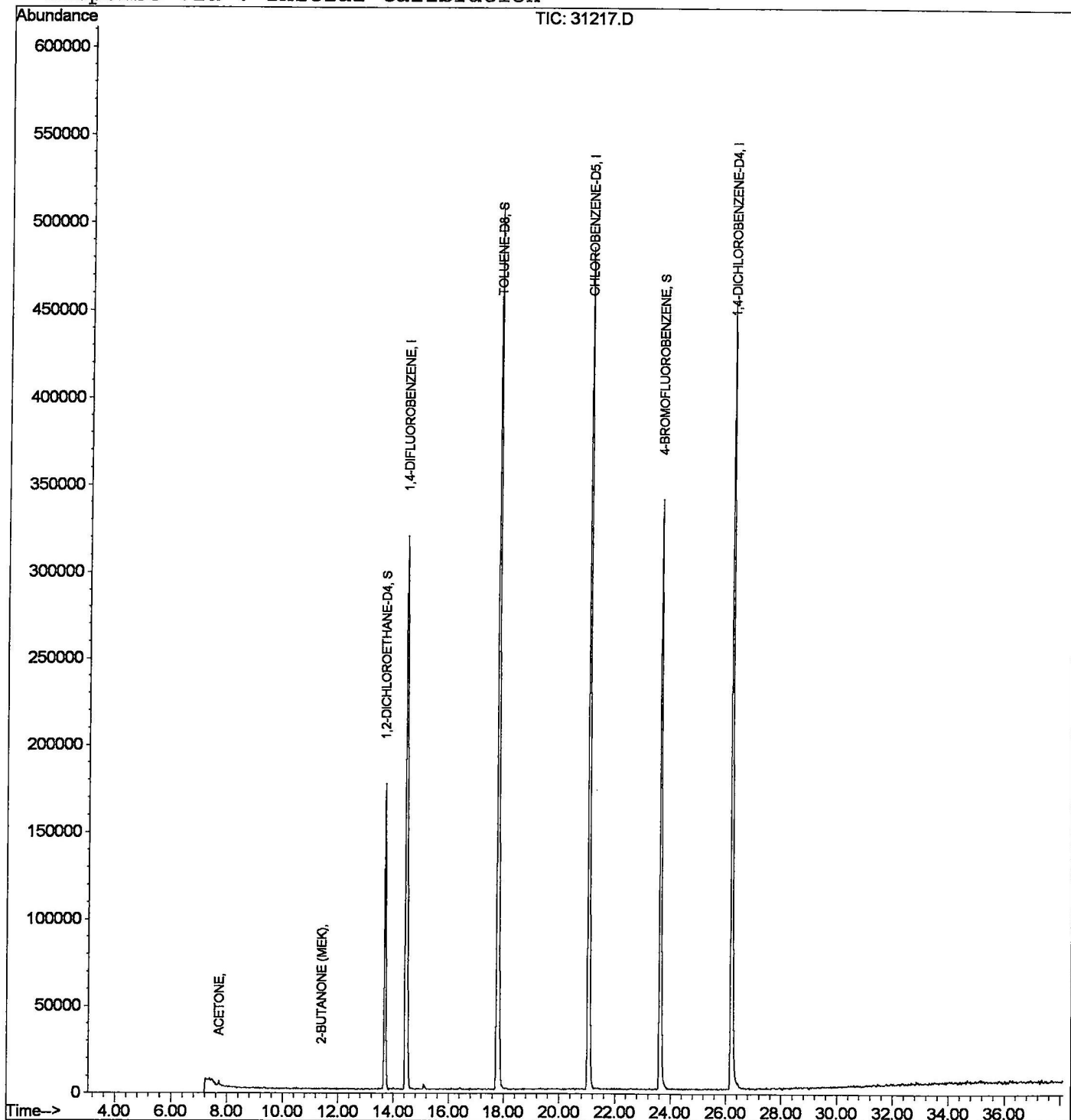
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\31217.D
 Acq On : 26 Dec 2001 10:32 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 23:10 2001

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\01dec26\31217.D
 Acq On : 26 Dec 2001 10:32 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

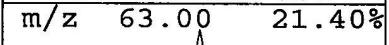
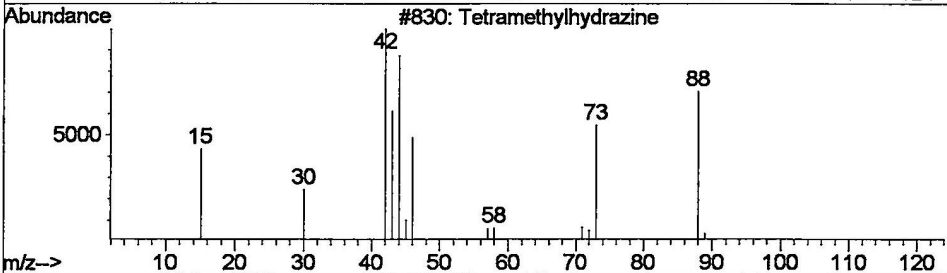
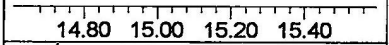
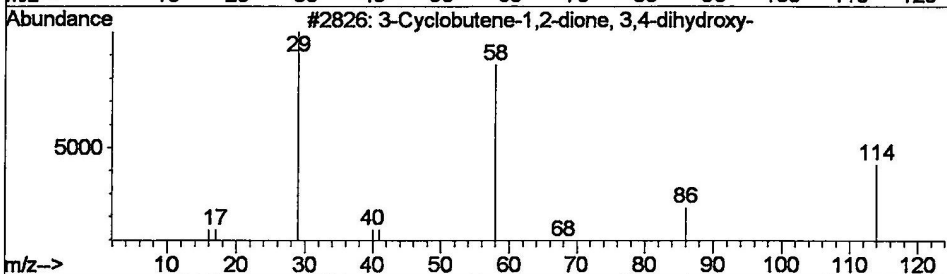
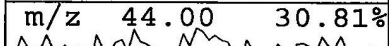
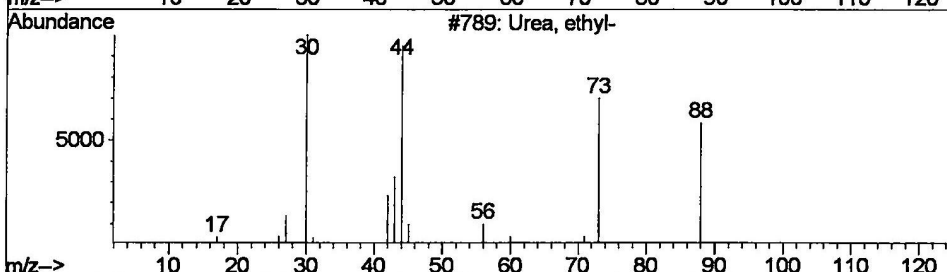
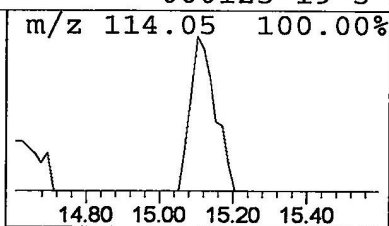
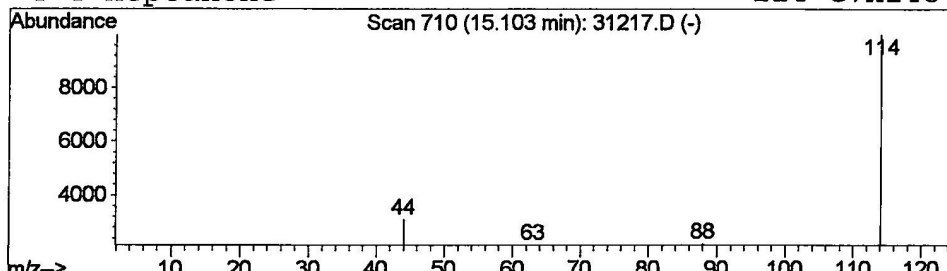
Vial: 13
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 2 Urea, ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.04 ug/L	14237	1,4-DIFLUOROBENZENE	14.46

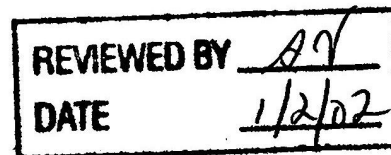
Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Urea, ethyl-	88	C3H8N2O	000625-52-5	4
2		3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
3		Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
4		4-Heptanone	114	C7H14O	000123-19-3	3



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:14:08

Sample: AD31218
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/26/01 00:01 Ended: 12/26/01 00:01 Analyst: BH
Result source: m:\instruments\206\rrfiles\31218.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.1		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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:14:08

Sample: AD31218
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/26/01 00:01 Ended: 12/26/01 00:01 Analyst: BH
Result source: m:\instruments\206\rrfiles\31218.rr
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\01dec26\31218.D
 Acq On : 26 Dec 2001 11:15 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 26 23:54 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	14.47	114	600160	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.07	117	590623	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	273051	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	241747	6.12	ug/L	0.10
Spiked Amount 5.000			Recovery	=	122.40%	
3) 4-BROMOFLUOROBENZENE	23.64	174	185864	4.04	ug/L	0.10
Spiked Amount 5.000			Recovery	=	80.80%	
23) TOLUENE-D8	17.78	98	797236	5.09	ug/L	0.10
Spiked Amount 5.000			Recovery	=	101.80%	
Target Compounds						
10) ACETONE	7.70	43	9199	2.28	ug/L	Qvalue 91
16) 2-BUTANONE (MEK)	11.42	43	2238	0.31	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 31218.D HP121001.M Wed Dec 26 23:54:31 2001

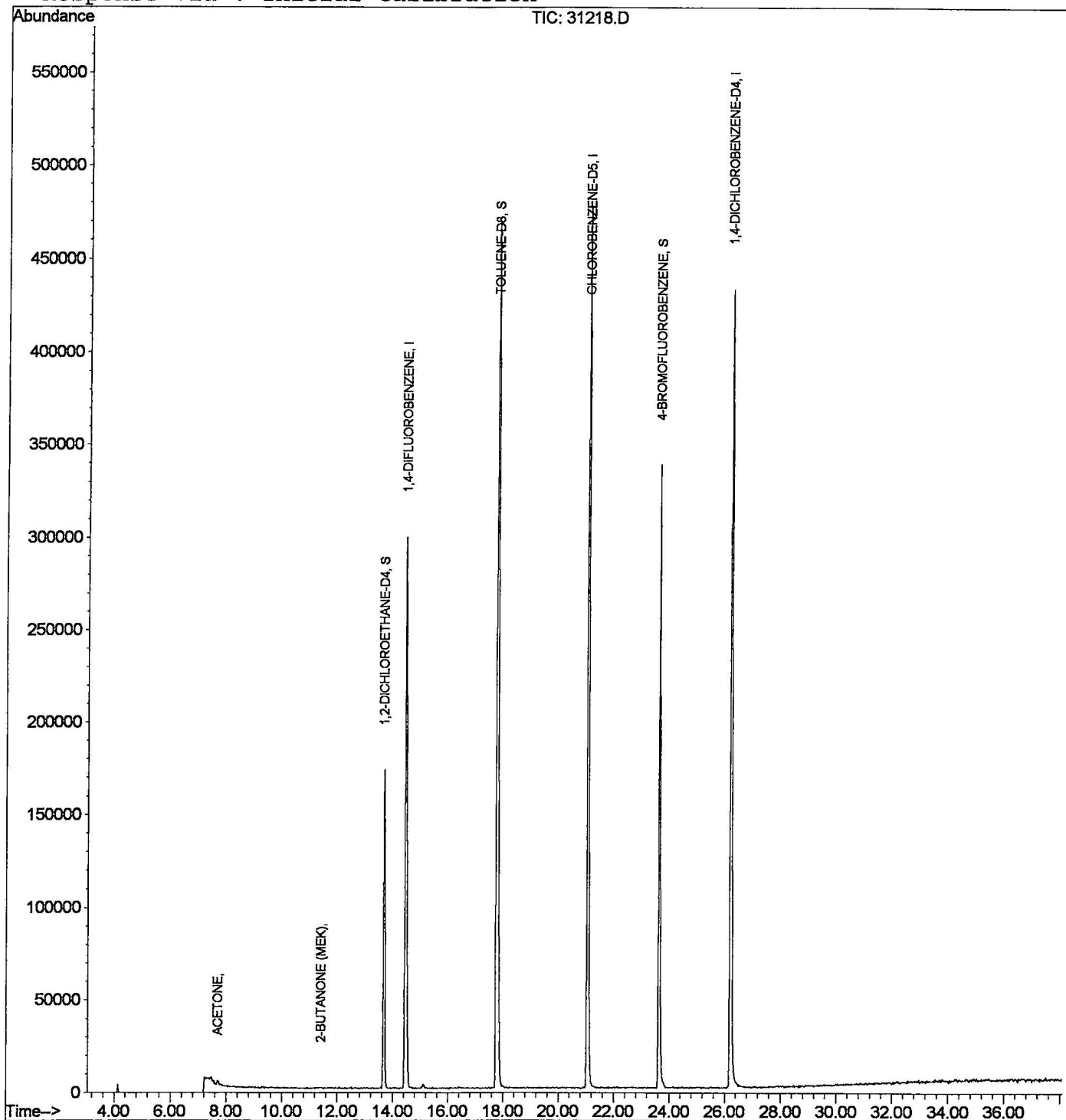
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\31218.D
Acq On : 26 Dec 2001 11:15 pm
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 26 23:54 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 : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec26\31218.D
Acq On : 26 Dec 2001 11:15 pm
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P

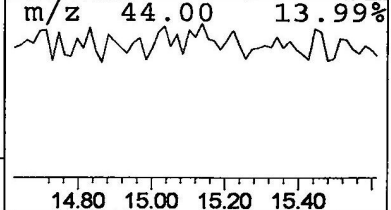
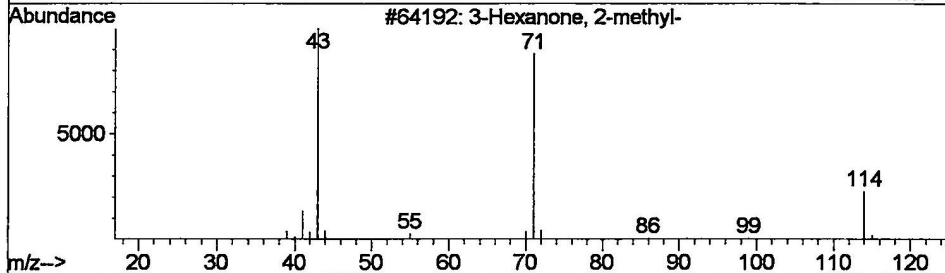
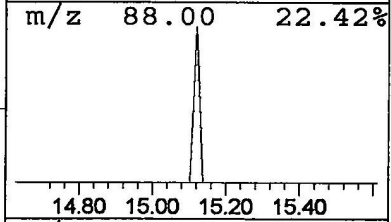
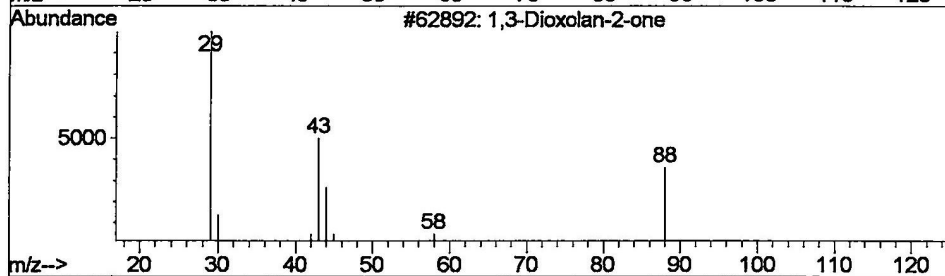
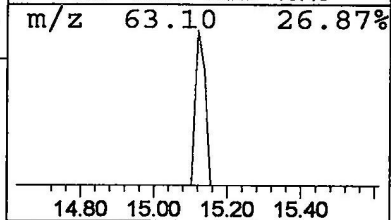
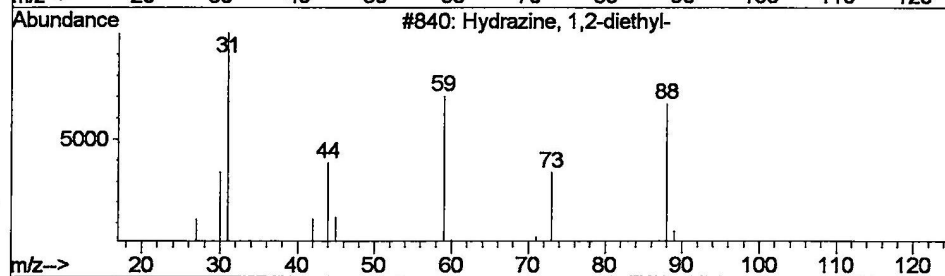
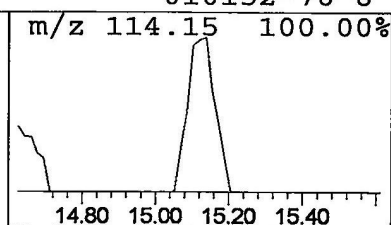
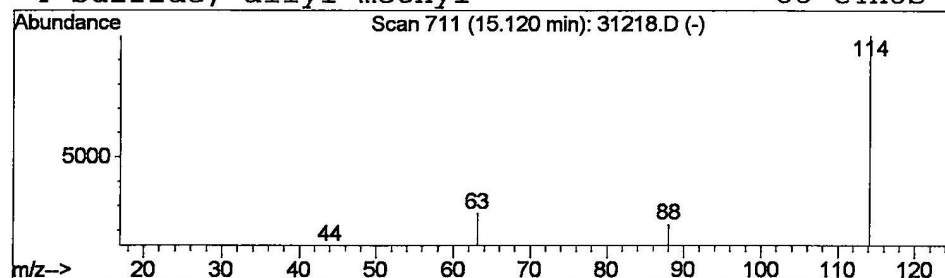
Vial: 14
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

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

Peak Number 4 Hydrazine, 1,2-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	0.03 ug/L	8928	1,4-DIFLUOROBENZENE	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	4
2		1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
3		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4
4		Sulfide, allyl methyl	88	C4H8S	010152-76-8	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 12:15:32

Sample: AD31275

Analysis: \$524 Volatile Organic Compounds

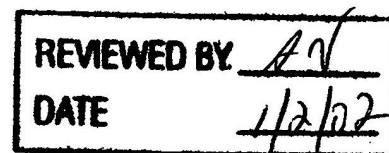
Units: ug

Started: 12/26/01 00:01 Ended: 12/26/01 00:01 Analyst: BH

Result source: m:\instruments\206\rrfiles\31275.rr

Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.1		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



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:15:32

Sample: AD31275
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/26/01 00:01 Ended: 12/26/01 00:01 Analyst: BH
Result source: m:\instruments\206\rrfiles\31275.rr
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\01dec26\31275.D
 Acq On : 26 Dec 2001 11:59 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 0:37 2001

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	14.47	114	591146	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.07	117	566790	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	270860	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	236968	6.09	ug/L	0.10
Spiked Amount 5.000			Recovery	=	121.80%	
3) 4-BROMOFLUOROBENZENE	23.64	174	180699	3.98	ug/L	0.10
Spiked Amount 5.000			Recovery	=	79.60%	
23) TOLUENE-D8	17.80	98	777858	5.18	ug/L	0.12
Spiked Amount 5.000			Recovery	=	103.60%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.44	43	2166	0.31	ug/L	Qvalue 64

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

31275.D HP121001.M Thu Dec 27 00:37:56 2001

Page 1

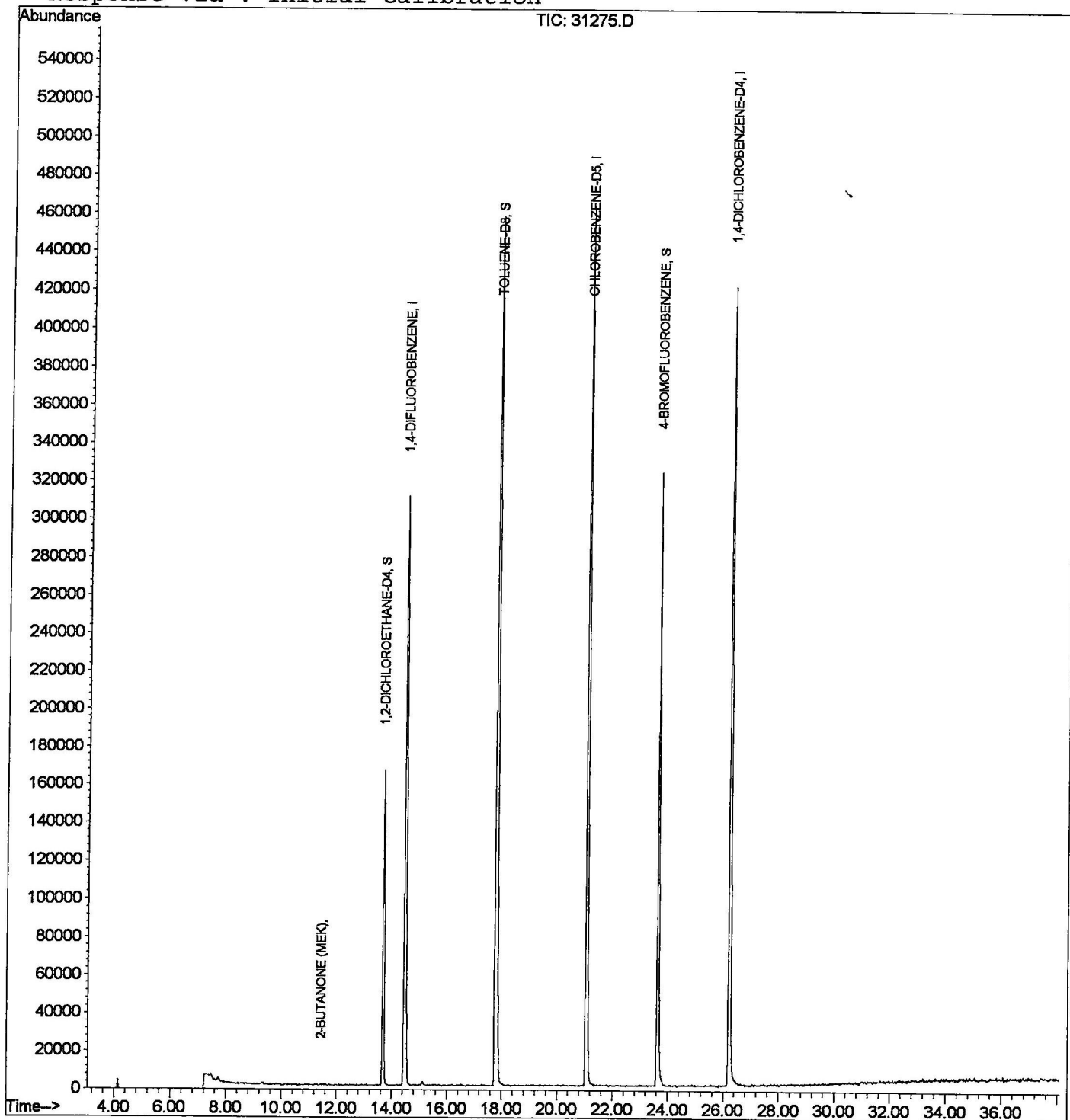
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\31275.D
 Acq On : 26 Dec 2001 11:59 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 0:37 2001

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 : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec26\31275.D
 Acq On : 26 Dec 2001 11:59 pm
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P

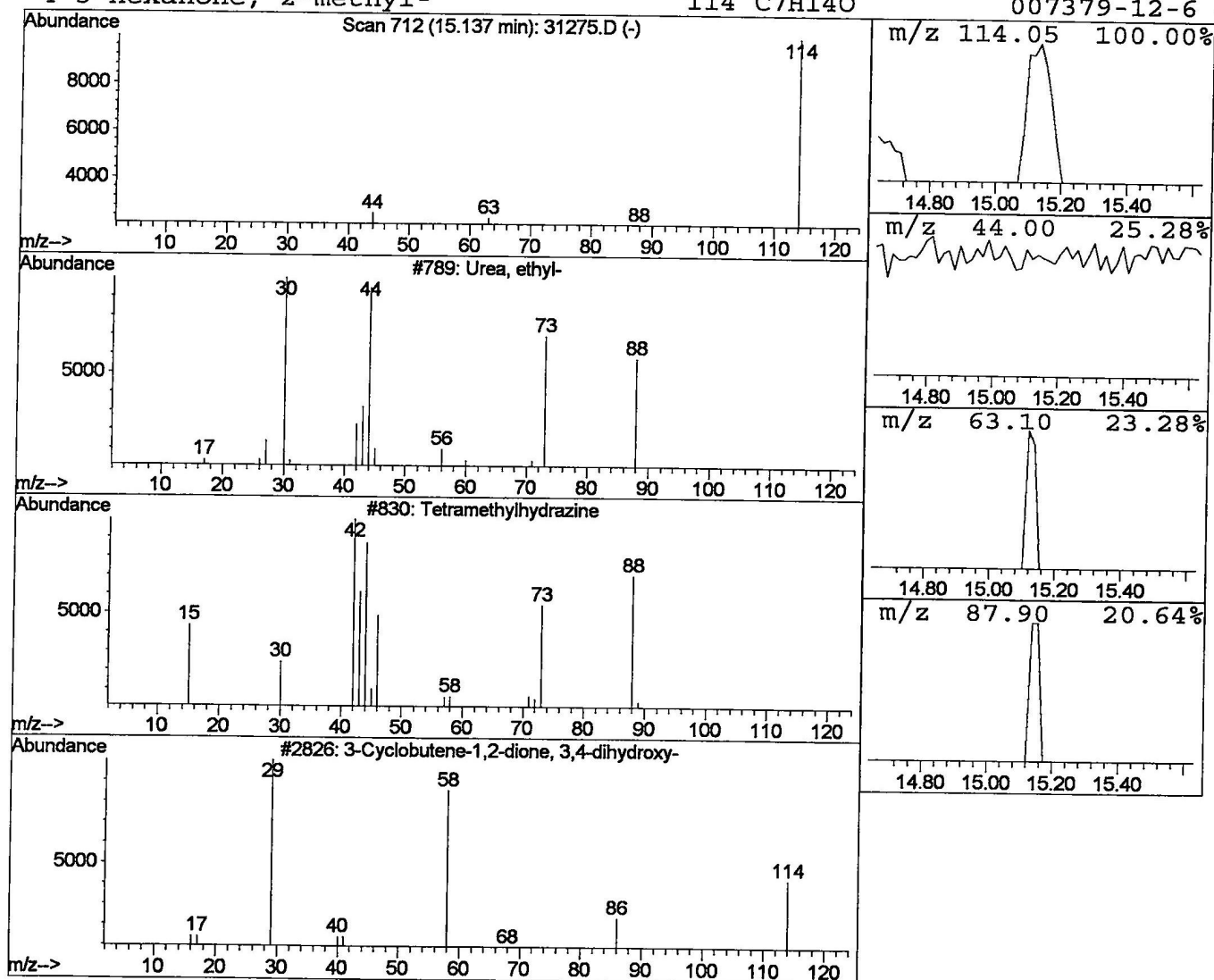
Vial: 15
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 6 Urea, ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	0.03 ug/L	9383	1,4-DIFLUOROBENZENE	14.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Urea, ethyl-	88	C3H8N2O	000625-52-5	4
2		Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
3		3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
4		3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 12:16:10

Sample: AD31276
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/27/01 00:02 Ended: 12/27/01 00:02 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31276.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.9		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-DB		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	<u>AV</u>
DATE	<u>1/2/01</u>

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:16:10

Sample: AD31276
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/27/01 00:02 Ended: 12/27/01 00:02 Analyst: BH
Result source: m:\instruments\206\rrfiles\31276.rr
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\01dec26\31276.D
 Acq On : 27 Dec 2001 12:42 am
 Sample : 524 nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 1:21 2001

Vial: 16
 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	14.49	114	628758	5.00	ug/L	0.14
22) CHLOROBENZENE-D5	21.07	117	591511	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	275591	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	239290	5.78	ug/L	0.10
Spiked Amount 5.000			Recovery	=	115.60%	
3) 4-BROMOFLUOROBENZENE	23.64	174	189982	3.94	ug/L	0.10
Spiked Amount 5.000			Recovery	=	78.80%	
23) TOLUENE-D8	17.79	98	808000	5.15	ug/L	0.12
Spiked Amount 5.000			Recovery	=	103.00%	
Target Compounds						
10) ACETONE	7.72	43	17128	4.06	ug/L	Qvalue 96
16) 2-BUTANONE (MEK)	11.44	43	1751	0.23	ug/L	64

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

31276.D HP121001.M Thu Dec 27 01:21:38 2001

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 12:12:10

Sample: AD31216
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 12/27/01 00:05 Ended: 12/27/01 00:05 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31216f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.8		.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		5.3		.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: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:12:10

Sample: AD31216
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 12/27/01 00:05 Ended: 12/27/01 00:05 Analyst: BH
Result source: m:\instruments\206\rrfiles\31216f.rr
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\01dec26\31216F.D

Acq On : 27 Dec 2001 5:17 am

Sample : fb

Misc :

MS Integration Params: LSCINT.P

Quant Time: Dec 27 5:57 2001

Vial: 12

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	14.51	114	575628	5.00	ug/L	0.15
22) CHLOROBENZENE-D5	21.08	117	558099	5.00	ug/L	0.12
50) 1,4-DICHLOROBENZENE-D4	26.23	152	248112	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.71	65	221627	5.85	ug/L	0.12
Spiked Amount 5.000			Recovery	=	117.00%	
3) 4-BROMOFLUOROBENZENE	23.66	174	170459	3.86	ug/L	0.12
Spiked Amount 5.000			Recovery	=	77.20%	
23) TOLUENE-D8	17.81	98	780495	5.27	ug/L	0.14
Spiked Amount 5.000			Recovery	=	105.40%	
Target Compounds						
10) ACETONE	7.72	43	30059	7.78	ug/L	Qvalue 89

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

31216F.D HP121001.M Thu Dec 27 05:58:51 2001

Page 1

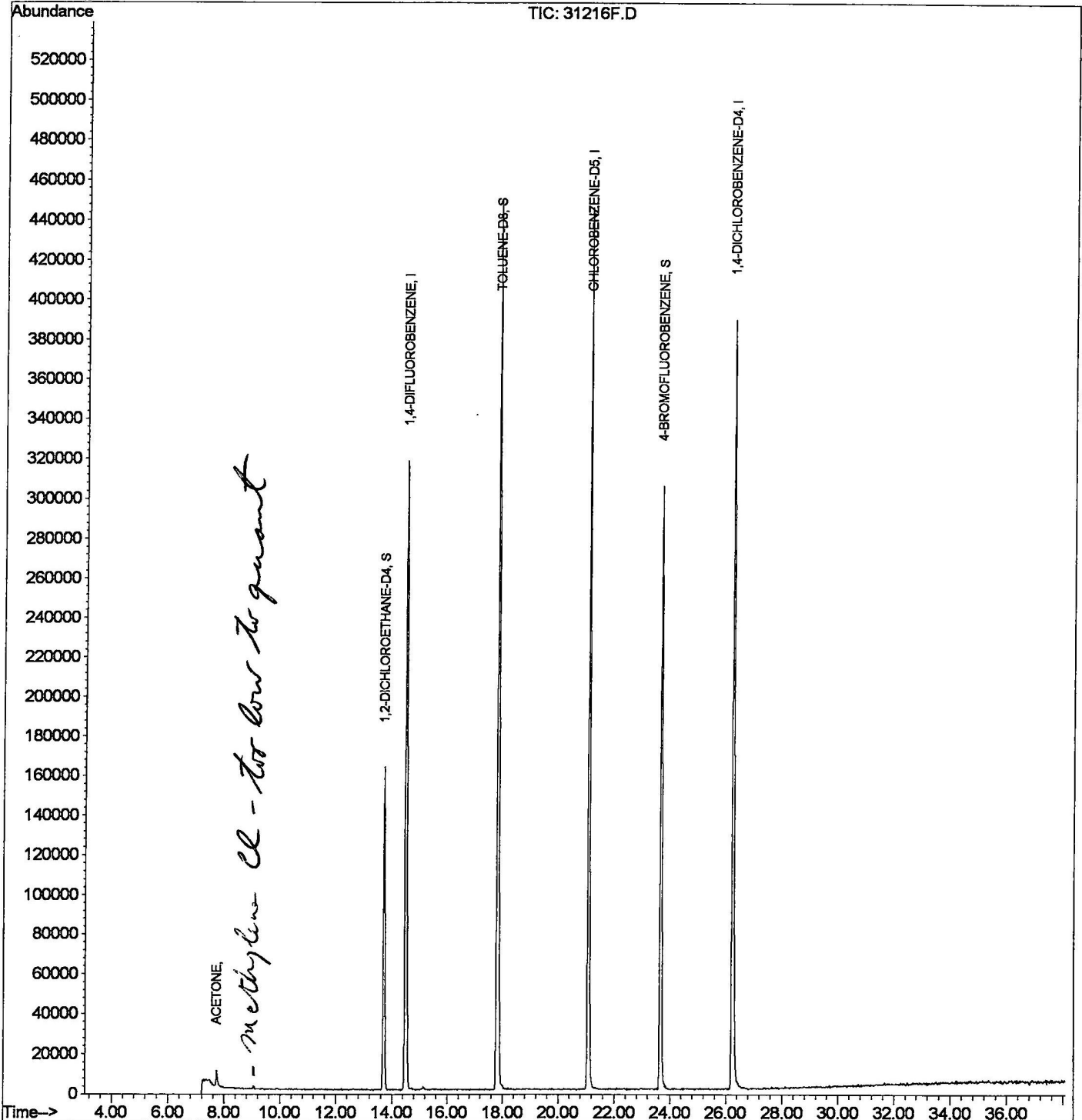
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\31216F.D
 Acq On : 27 Dec 2001 5:17 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 5:57 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 : Wed Dec 12 08:39:59 2001
 Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\01dec26\31216F.D
 Acq On : 27 Dec 2001 5:17 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P

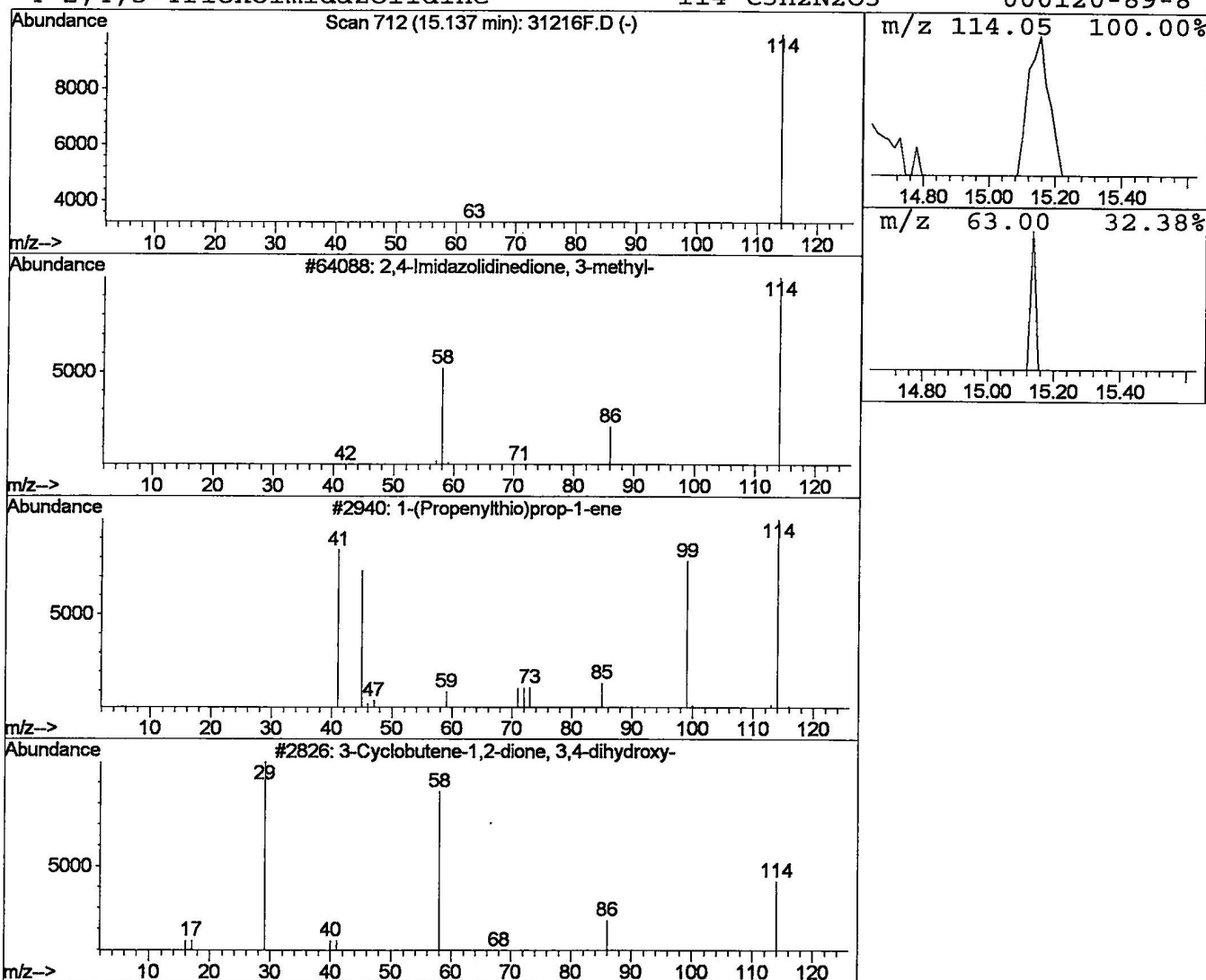
Vial: 12
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 2 2,4-Imidazolidinedione, 3-meth Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	0.02 ug/L	7399	1,4-DIFLUOROBENZENE	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3	
2	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3	
3	3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2	
4	2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2	



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 12:19:30

Sample: AD31277
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 12/27/01 00:06 Ended: 12/27/01 00:06 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31277f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.9		.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

Acetone - 14

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:19:30

Sample: AD31277

Analysis: \$F_524 Volatile Organic Compounds-Field Blank

Units: ug

Started: 12/27/01 00:06 Ended: 12/27/01 00:06 Analyst: BH

Result source: m:\instruments\206\rrfiles\31277f.rr

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\01dec26\31277F.D
 Acq On : 27 Dec 2001 6:02 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 6:42 2001

Vial: 13
 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	14.49	114	577230	5.00	ug/L	0.14
22) CHLOROBENZENE-D5	21.07	117	549744	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	250394	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.71	65	225735	5.94	ug/L	0.12
Spiked Amount 5.000			Recovery	=	118.80%	
3) 4-BROMOFLUOROBENZENE	23.66	174	173162	3.91	ug/L	0.12
Spiked Amount 5.000			Recovery	=	78.20%	
23) TOLUENE-D8	17.79	98	752327	5.16	ug/L	0.12
Spiked Amount 5.000			Recovery	=	103.20%	
Target Compounds						
10) ACETONE	7.72	43	52862	13.65	ug/L	Qvalue 96

 (#) = qualifier out of range (m) = manual integration
 31277F.D HP121001.M Thu Dec 27 06:44:13 2001

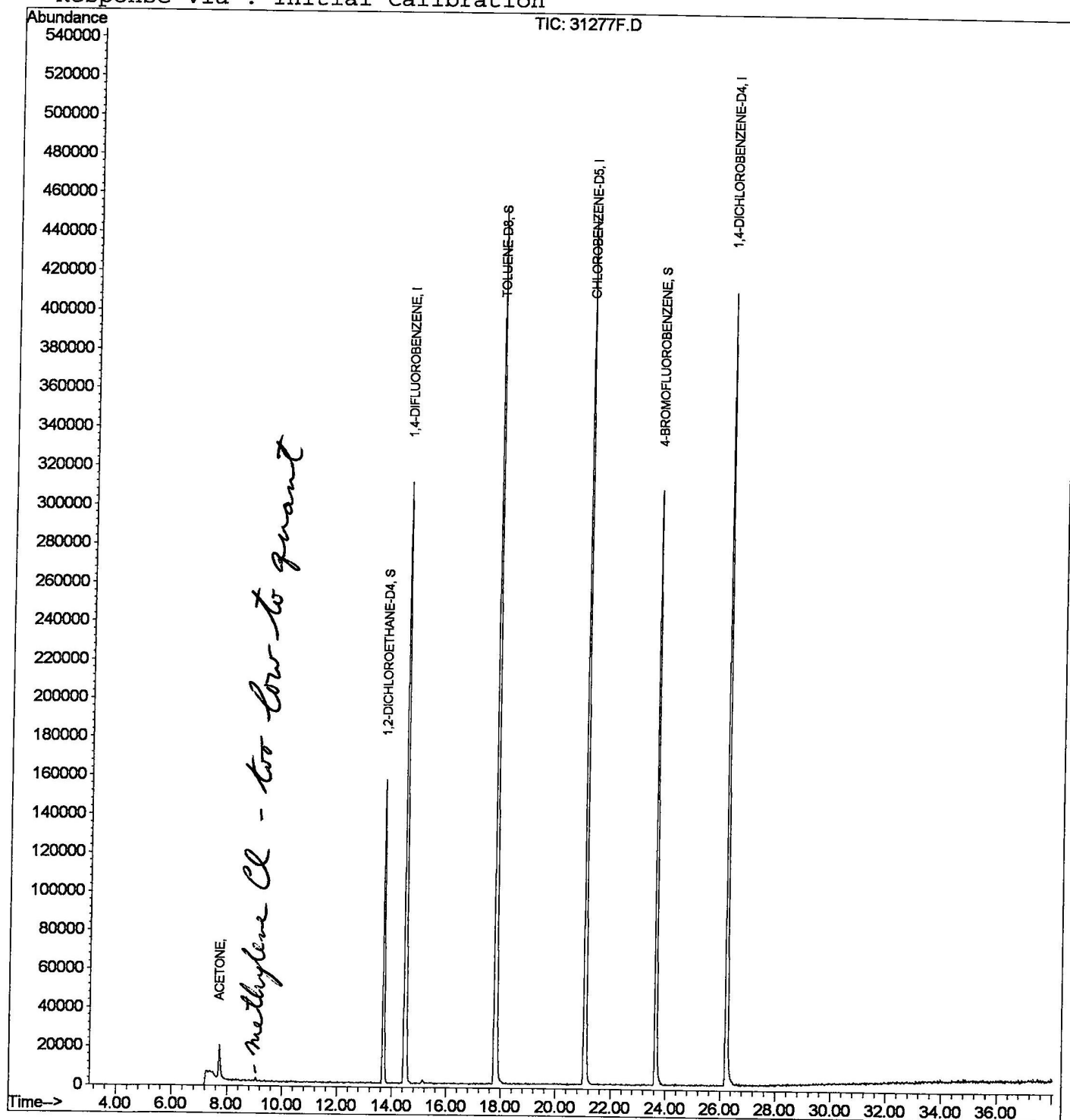
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\31277F.D
Acq On : 27 Dec 2001 6:02 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 6:42 2001

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



31277F.D HP121001.M

Thu Dec 27 06:44:43 2001

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec26\31277F.D
Acq On : 27 Dec 2001 6:02 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P

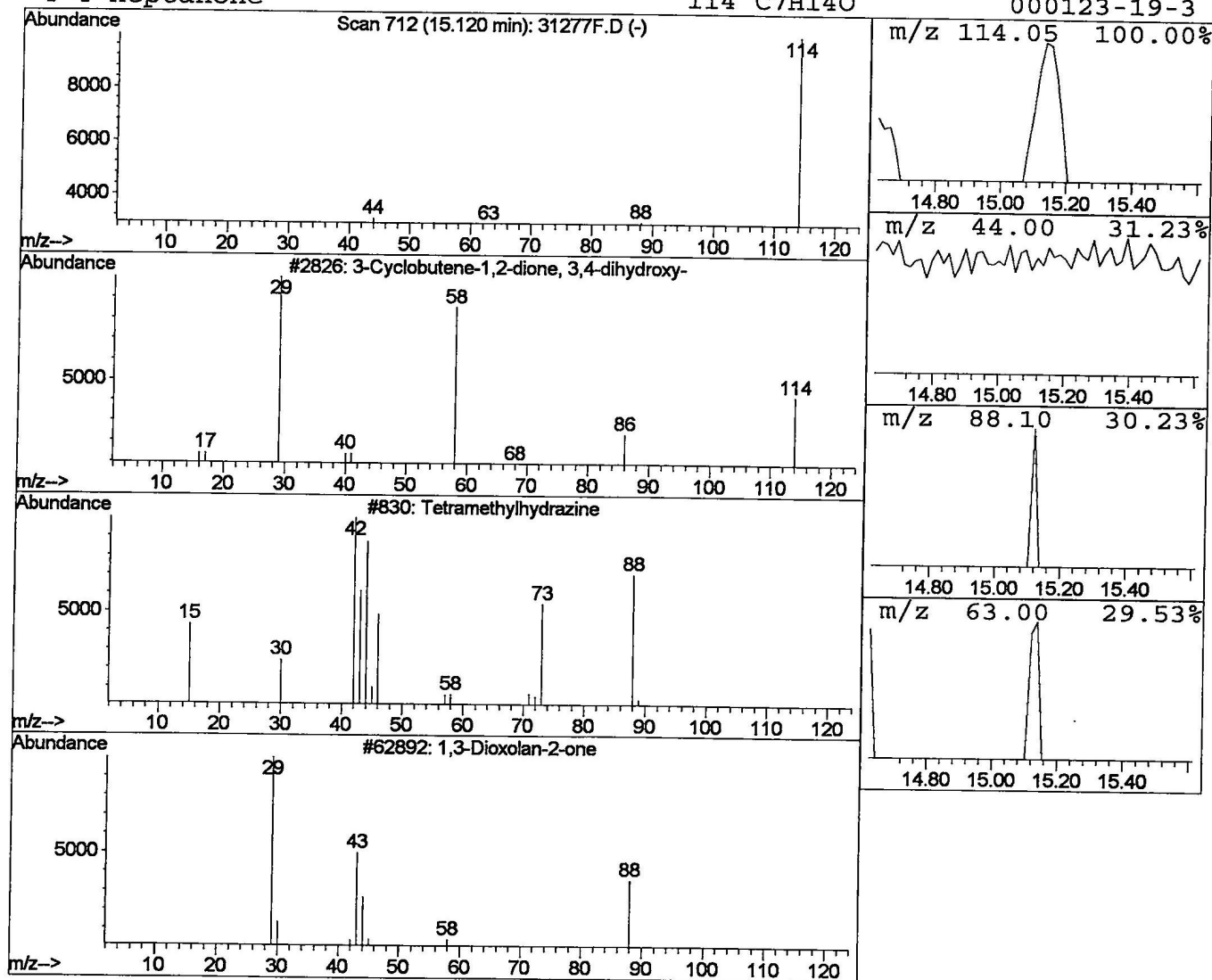
Vial: 13
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

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.
15.12	0.03 ug/L	10036	1,4-DIFLUOROBENZENE	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
2	Tetramethylhydrazine	88	C4H12N2	006415-12-9	4	
3	1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4	
4	4-Heptanone	114	C7H14O	000123-19-3	3	



User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:10:08

Sample: AD31075
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 12/27/01 00:04 Ended: 12/27/01 00:04 Analyst: BH
Result source: m:\instruments\206\rrfiles\31075f.rr
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.8		.5
2	Surr_4-BROMOFLUOROBENZE		3.8		.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

acetone - 37

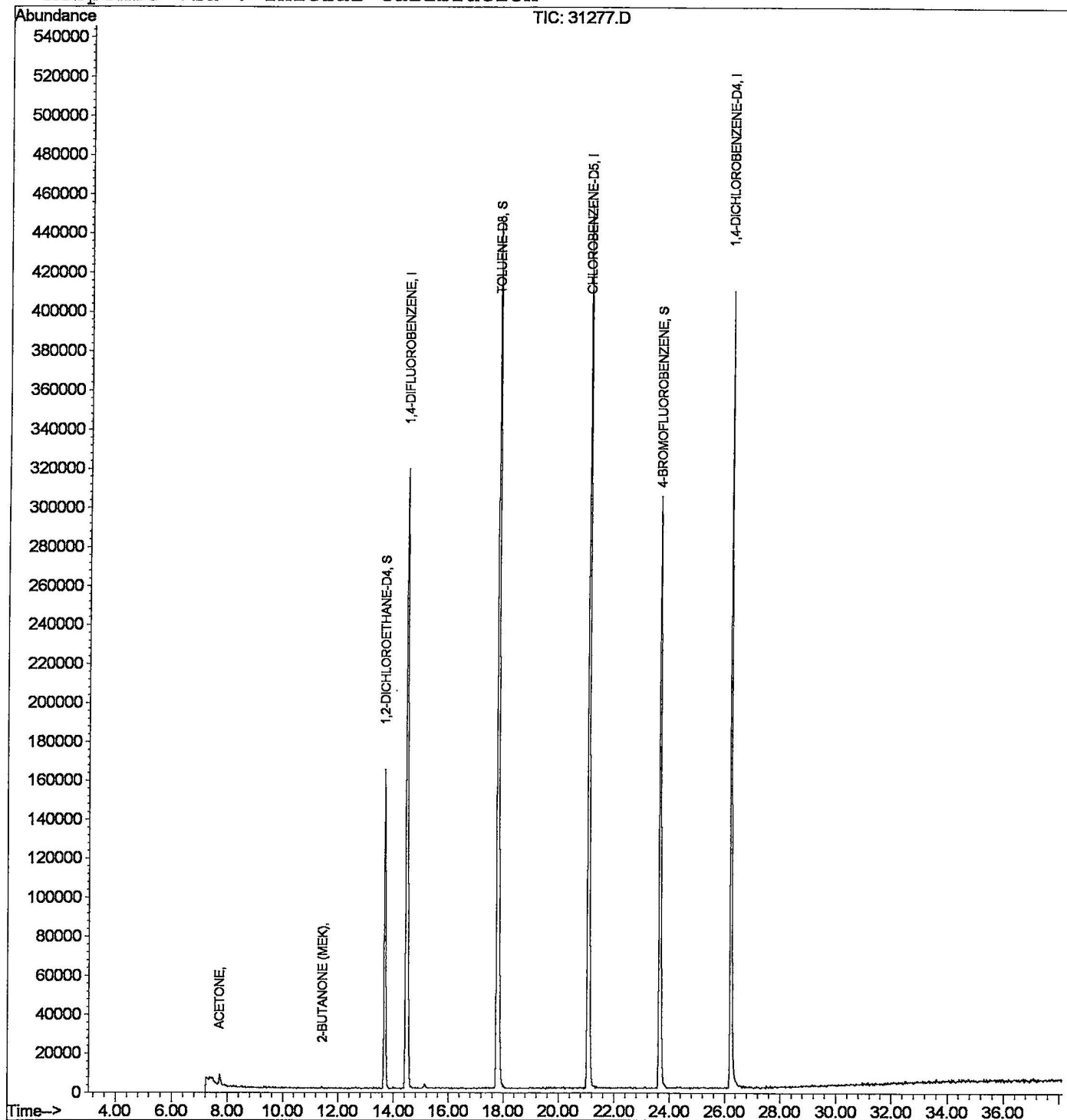
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\31277.D
Acq On : 27 Dec 2001 1:26 am
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 2:04 2001

Vial: 17
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



Data File : C:\HPCHEM\1\DATA\01dec26\31277.D

Acq On : 27 Dec 2001 1:26 am

Sample : 524 nyc

Misc :

MS Integration Params: LSCINT.P

Vial: 17

Operator: 206-BH

Inst : GC/MS Ins

Multiplr: 1.00

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

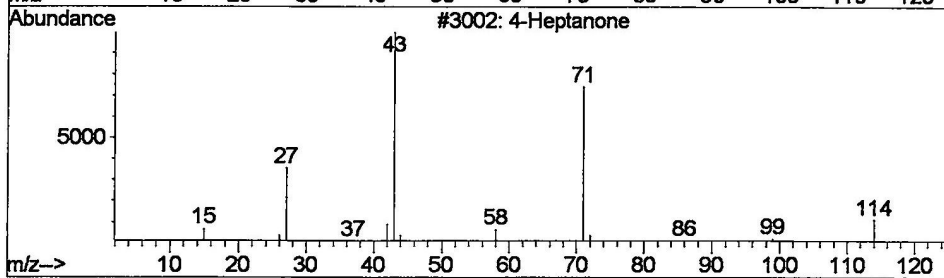
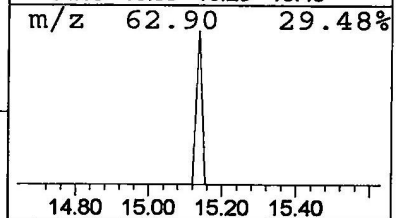
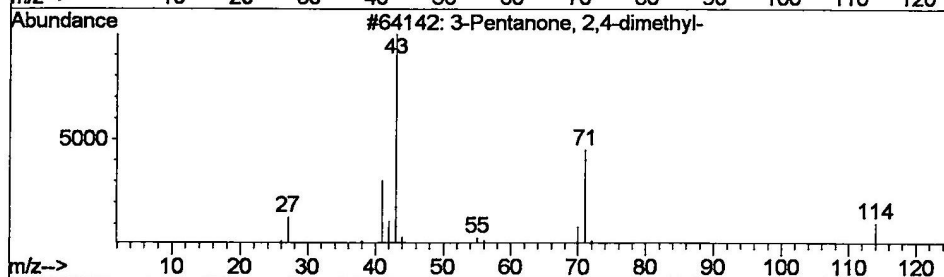
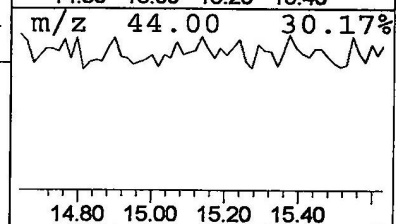
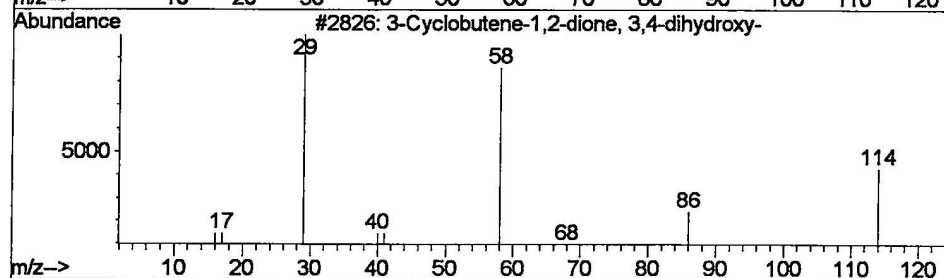
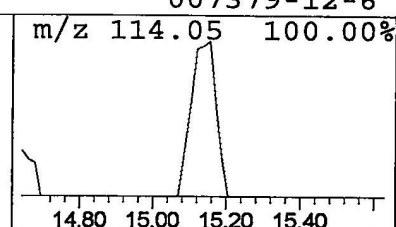
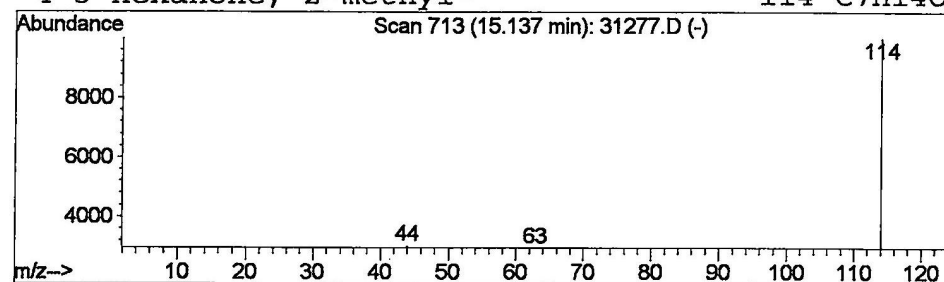
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	0.03 ug/L	8170	1,4-DIFLUOROBENZENE	14.49

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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 11:56:49

Sample: AD30933
 Analysis: \$C3524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 12/27/01 00:02 Ended: 12/27/01 00:02 Analyst: BH
 Result source: m:\instruments\206\rrfiles\1226c10c.rr
 Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.8		.5
2	Surr_4-BROMOFLUOROBENZE		5.6		.5
3	Dichlorodifluoromethane	USPEC	14		.5
4	Chloromethane	USPEC	15		.5
5	Vinyl chloride	USPEC	16		.5
6	Bromomethane	USPEC	15		.5
7	Chloroethane	USPEC	17		.5
8	Trichlorofluoromethane		13		.5
9	1,1-Dichloroethene		11		.5
10	Methylene Chloride		12		.5
11	Methyl tert-butyl ether		8.2		1.0
12	trans-1,2-dichloroethene		11		.5
13	1,1-dichloroethane		11		.5
14	2-butanone (MEK)		8.7		2.0
15	2,2-dichloropropane		8.4		.5
16	cis-1,2-dichloroethene		10		.5
17	Chloroform		12		.5
18	Bromochloromethane		11		.5
19	1,2-dichloroethane		10		.5
20	Surr_TOLUENE-D8		5.0		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		10		.5
23	Carbon tetrachloride		12		.5
24	Benzene		10		.5
25	Trichloroethene		10		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		9.0		.5
28	Bromodichloromethane		11		.5
29	Methyl iso-butyl ketone		7.3		1.0
30	cis-1,3-dichloropropene		9.3		.5
31	Toluene		9.6		.5
32	trans-1,3-dichloropropene		9.7		.5
33	1,1,2-trichloroethane		9.7		.5
34	Tetrachloroethene		9.1		.5
35	1,3-dichloropropane		9.8		.5
36	Dibromochloromethane		10		2.0
37	Chlorobenzene		9.5		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		10		.5
40	P & M-xylene		20		.5
41	O-xylene		11		.5
42	Styrene		10		.5
43	1,1,2,2-tetrachloroethane		12		.5
44	Bromoform		7.7		2.0
45	Isopropylbenzene		7.8		.5
46	1,2,3-trichloropropane		7.4		.5
47	N-propylbenzene		8.2		.5
48	Bromobenzene		7.9		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 11:56:49

Sample: AD30933
Analysis: \$C3524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 12/27/01 00:02 Ended: 12/27/01 00:02 Analyst: BH
Result source: m:\instruments\206\rrfiles\1226c10c.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		8.0		.5
50	2-chlorotoluene		8.1		.5
51	4-chlorotoluene		9.1		.5
52	TERT-butylbenzene		8.5		.5
53	1,2,4-trimethylbenzene		8.4		.5
54	SEC-butylbenzene		8.6		.5
55	P-isopropyltoluene		8.6		.5
56	1,3-dichlorobenzene		9.1		.5
57	1,4-dichlorobenzene		9.1		.5
58	N-butylbenzene		9.5		.5
59	1,2-dichlorobenzene		9.5		.5
60	1,2,4-trichlorobenzene		9.0		.5
61	Hexachlobutadiene		9.3		.5
62	Naphthalene		8.7		.5
63	1,2,3-trichlorobenzene		8.8		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC26\1226C10C.D
 Acq On : 27 Dec 2001 2:09 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 8:47 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 27 08:45:22 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Internal Standards

	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-DIFLUOROBENZENE	14.49	114	619841	5.00	ug/L	0.14
22) CHLOROBENZENE-D5	21.07	117	610033	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	464319	5.00	ug/L	0.12

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.69	65	237556	5.82	ug/L	0.10
Spiked Amount	5.000					
3) 4-BROMOFLUOROBENZENE	23.64	174	264630	5.56	ug/L	0.10
Spiked Amount	5.000					
23) TOLUENE-D8	17.79	98	812596	5.02	ug/L	0.12
Spiked Amount	5.000					

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
4) DICHLORODIFLUOROMETHANE	4.52	85	278691	13.78	ug/L	98
5) CHLOROMETHANE	5.02	50	224709	17.87	ug/L	98
6) VINYL CHLORIDE	5.19	62	204322	16.33	ug/L	96
7) BROMOMETHANE	6.11	94	165608	15.14	ug/L	99
8) CHLOROETHANE	6.25	64	146097	17.04	ug/L	98
9) TRICHLOROFLUOROMETHANE	6.78	101	349690	12.88	ug/L	100
10) ACETONE	7.72	43	41998	10.10	ug/L	94
11) 1,1-DICHLOROETHENE	8.06	61	390095	11.07	ug/L	96
12) METHYLENE CHLORIDE	9.04	49	418343	12.25	ug/L	95
13) METHYL TERT BUTYL ETHER	9.34	73	371528	8.24	ug/L	98
14) TRANS-1,2-DICHLOROETHENE	9.69	61	410641	10.75	ug/L	97
15) 1,1-DICHLOROETHANE	10.57	63	537416	11.28	ug/L	99
16) 2-BUTANONE (MEK)	11.39	43	63902	8.70	ug/L	97
17) 2,2-DICHLOROPROPANE	11.76	77	330119	8.41	ug/L	98
18) CIS-1,2-DICHLOROETHENE	11.87	96	267039	10.00	ug/L	88
19) CHLOROFORM	12.19	83	529356	11.64	ug/L	99
20) BROMOCHLOROMETHANE	12.56	49	237990	11.03	ug/L	94
21) 1,2-DICHLOROETHANE	13.89	62	318814	10.42	ug/L	100
24) 1,1,1-TRICHLOROETHANE	13.08	97	425853	11.36	ug/L	97
25) 1,1-DICHLOROPROPENE	13.40	75	380310	10.28	ug/L	99
26) CARBON TETRACHLORIDE	13.65	117	368178	11.55	ug/L	99
27) BENZENE	14.01	78	1088637	10.13	ug/L	99
28) TRICHLOROETHENE	15.26	95	295512	10.26	ug/L	95
29) 1,2-DICHLOROPROPANE	15.61	63	300178	10.03	ug/L	99
30) DIBROMOMETHANE	16.26	174	95605	8.97	ug/L	99
31) BROMODICHLOROMETHANE	16.11	83	389172	11.28	ug/L	99
32) 2-CHLOROETHYL VINYL ETHER	16.62	63	81262	7.31	ug/L	100
33) Methyl iso-butyl ketone	16.69	58	41673	7.29	ug/L	88

(#) = qualifier out of range (m) = manual integration
 1226C10C.D HP121001.M Thu Dec 27 08:47:39 2001

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC26\1226C10C.D
 Acq On : 27 Dec 2001 2:09 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 8:47 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 27 08:45:22 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.22	75	401859	9.30	ug/L	99
35) TOLUENE	17.97	91	1169851	9.64	ug/L	99
36) TRANS-1,3-DICHLOROPROPENE	18.24	75	324034	9.66	ug/L	99
37) 1,1,2-TRICHLOROETHANE	18.63	97	161529	9.72	ug/L	97
38) TETRACHLOROETHENE	19.40	166	261476	9.14	ug/L	99
39) 1,3-DICHLOROPROPANE	19.14	76	315836	9.84	ug/L	99
40) DIBROMOCHLOROMETHANE	19.82	129	202410	10.02	ug/L	99
41) 1,2-DIBROMOETHANE	20.27	107	139065	8.79	ug/L	98
42) CHLOROBENZENE	21.15	112	769054	9.53	ug/L	98
43) 1,1,1,2-TETRACHLOROETHANE	21.20	131	265529	10.10	ug/L	96
44) 2-HEXANONE	18.53	43	84219	8.82	ug/L	94
45) ETHYLBENZENE	21.20	91	1510120	10.11	ug/L	97
46) P & M-XYLENE	21.37	106	1110905	19.79	ug/L	99
47) O-XYLENE	22.33	91	1303381	10.95	ug/L	99
48) STYRENE	22.39	104	950587	10.26	ug/L	99
49) 1,1,2,2-TETRACHLOROETHANE	23.40	83	210324	11.83	ug/L	100
51) BROMOFORM	23.23	173	108660	7.74	ug/L	98
52) ISOPROPYLBENZENE	23.04	105	1576130	7.77	ug/L	98
53) 1,2,3-TRICHLOROPROPANE	23.72	110	54594	7.38	ug/L	91
54) N-PROPYLBENZENE	23.91	91	2152227	8.19	ug/L	100
55) BROMOBENZENE	24.15	156	342194	7.92	ug/L	90
56) 1,3,5-TRIMETHYLBENZENE	24.23	105	1402934	8.01	ug/L	100
57) 2-CHLOROTOLUENE	24.39	91	1346029	8.07	ug/L	98
58) 4-CHLOROTOLUENE	24.47	91	1357725	9.09	ug/L	100
59) TERT-BUTYLBENZENE	25.02	134	319325	8.53	ug/L	98
60) 1,2,4-TRIMETHYLBENZENE	25.12	105	1534102	8.44	ug/L	99
61) SEC-BUTYLBENZENE	25.48	105	2092306	8.58	ug/L	98
62) P-ISOPROPYLTOLUENE	25.73	119	1677823	8.57	ug/L	99
63) 1,3-DICHLOROBENZENE	26.09	146	845754	9.06	ug/L	98
64) 1,4-DICHLOROBENZENE	26.30	146	848966	9.09	ug/L	99
65) N-BUTYLBENZENE	26.62	91	1779838	9.50	ug/L	97
66) 1,2-DICHLOROBENZENE	27.13	146	732537	9.50	ug/L	100
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.78	157	34387	8.73	ug/L	94
68) NITROBENZENE	28.99	77	291533	179.54	ug/L	96
69) 1,2,4-TRICHLOROBENZENE	30.73	180	382460	8.95	ug/L	100
70) HEXACHLOROBUTADIENE	30.96	225	240514	9.27	ug/L	97
71) NAPHTHALENE	31.39	128	410578	8.72	ug/L	98
72) 1,2,3-TRICHLOROBENZENE	31.95	180	276246	8.81	ug/L	99

(#) = qualifier out of range (m) = manual integration
 1226C10C.D HP121001.M Thu Dec 27 08:47:42 2001

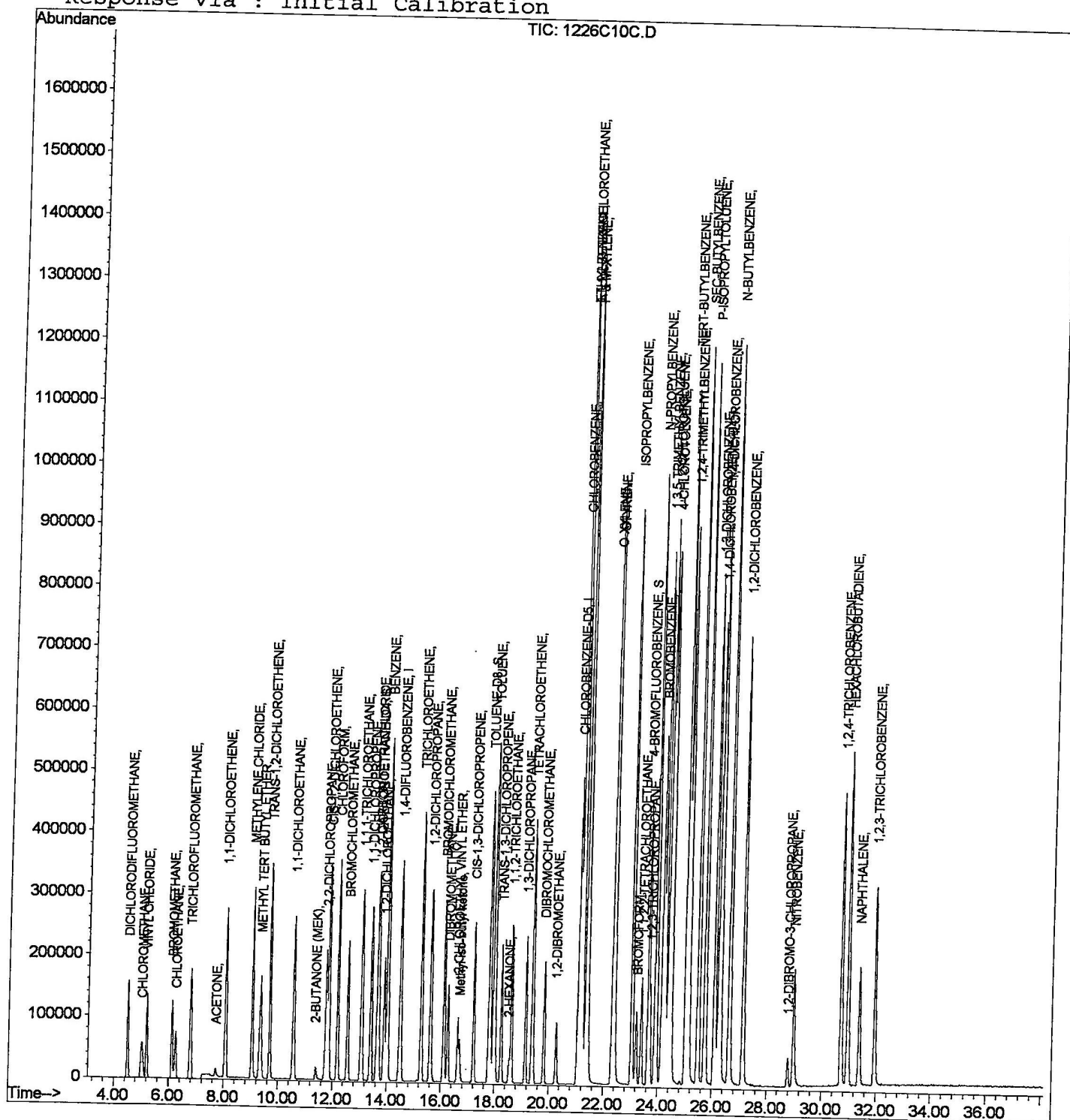
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC26\1226C10C.D
Acq On : 27 Dec 2001 2:09 am
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 8:47 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 : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration



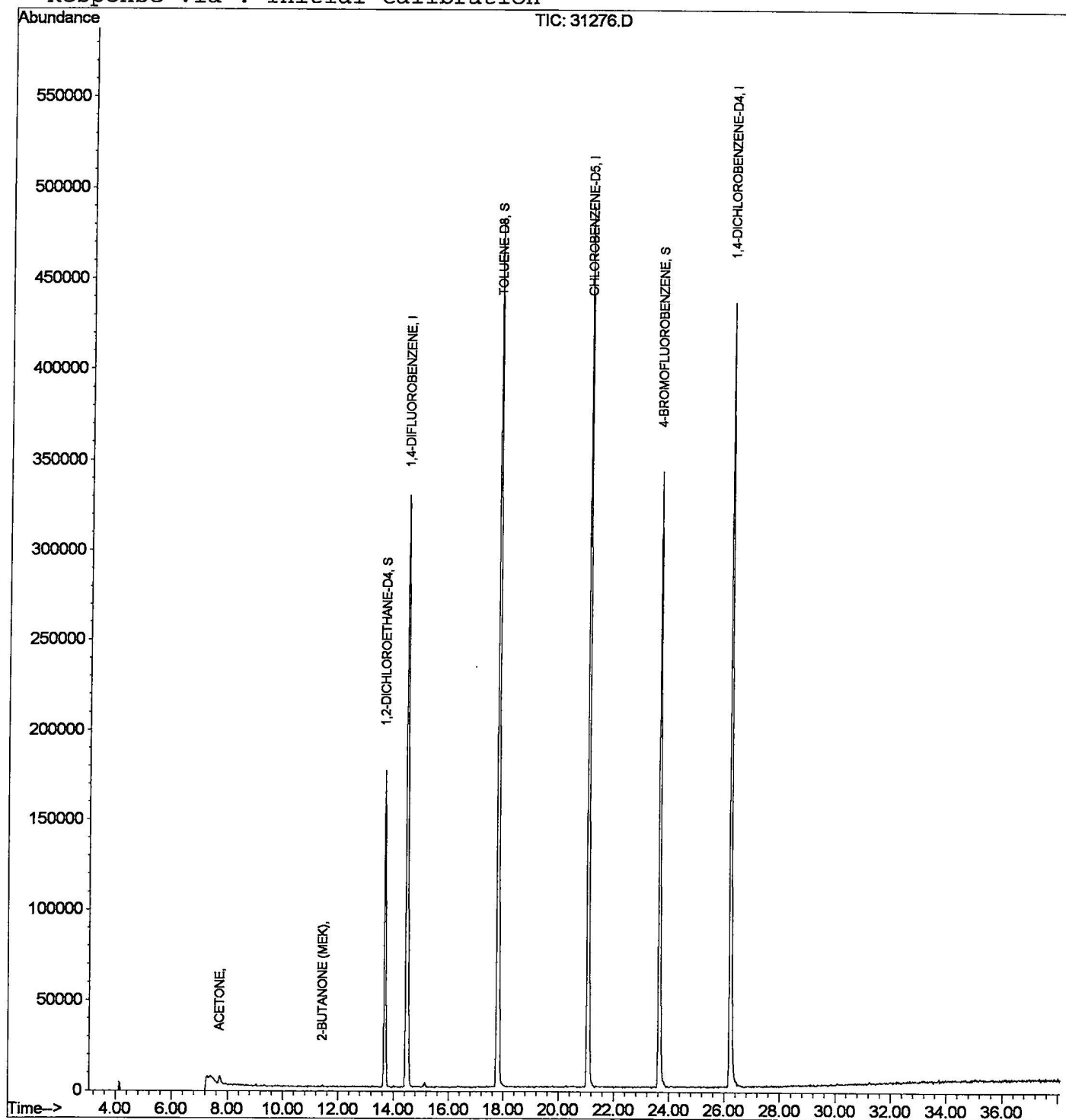
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\31276.D
Acq On : 27 Dec 2001 12:42 am
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 1:21 2001

Vial: 16
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\01dec26\31276.D
Acq On : 27 Dec 2001 12:42 am
Sample : 524 nyc
Misc :
MS Integration Params: LSCINT.P

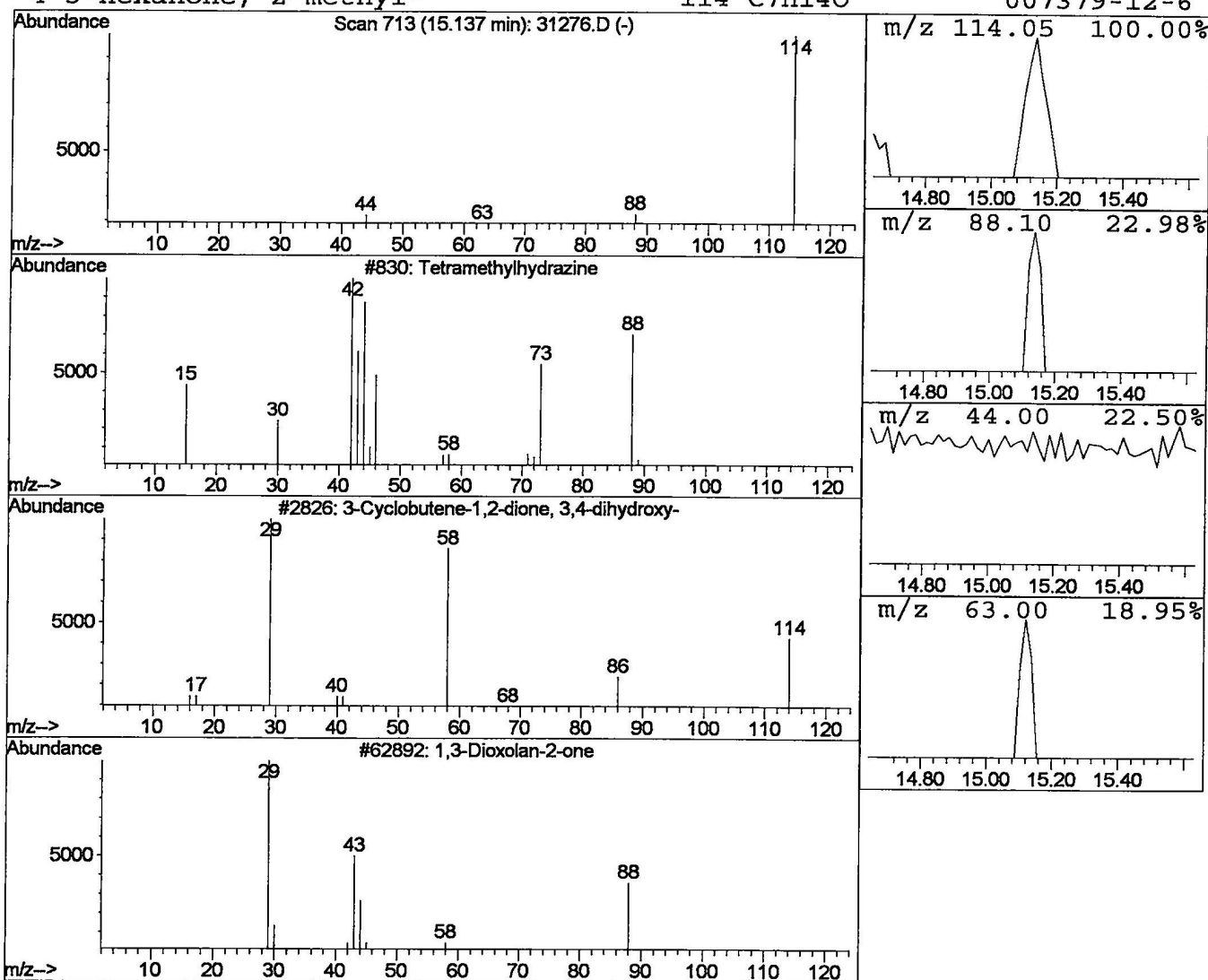
Vial: 16
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

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

Peak Number 2 Tetramethylhydrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	0.03 ug/L	10034	1,4-DIFLUOROBENZENE	14.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
2			3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	4
3			1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
4			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4



Data File : C:\HPCHEM\1\DATA\01dec26\31277.D

Vial: 17

Acq On : 27 Dec 2001 1:26 am

Operator: 206-BH

Sample : 524 nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 27 2:04 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	14.49	114	595309	5.00	ug/L	0.14
22) CHLOROBENZENE-D5	21.07	117	553553	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	257774	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	231185	5.90	ug/L	0.10
Spiked Amount 5.000			Recovery	=	118.00%	
3) 4-BROMOFLUOROBENZENE	23.66	174	176061	3.85	ug/L	0.12
Spiked Amount 5.000			Recovery	=	77.00%	
23) TOLUENE-D8	17.79	98	761121	5.19	ug/L	0.12
Spiked Amount 5.000			Recovery	=	103.80%	
Target Compounds						
10) ACETONE	7.72	43	19717	4.94	ug/L	Qvalue 92
16) 2-BUTANONE (MEK)	11.46	43	1671	0.24	ug/L	64

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

31277.D HP121001.M Thu Dec 27 02:05:02 2001

Page 1

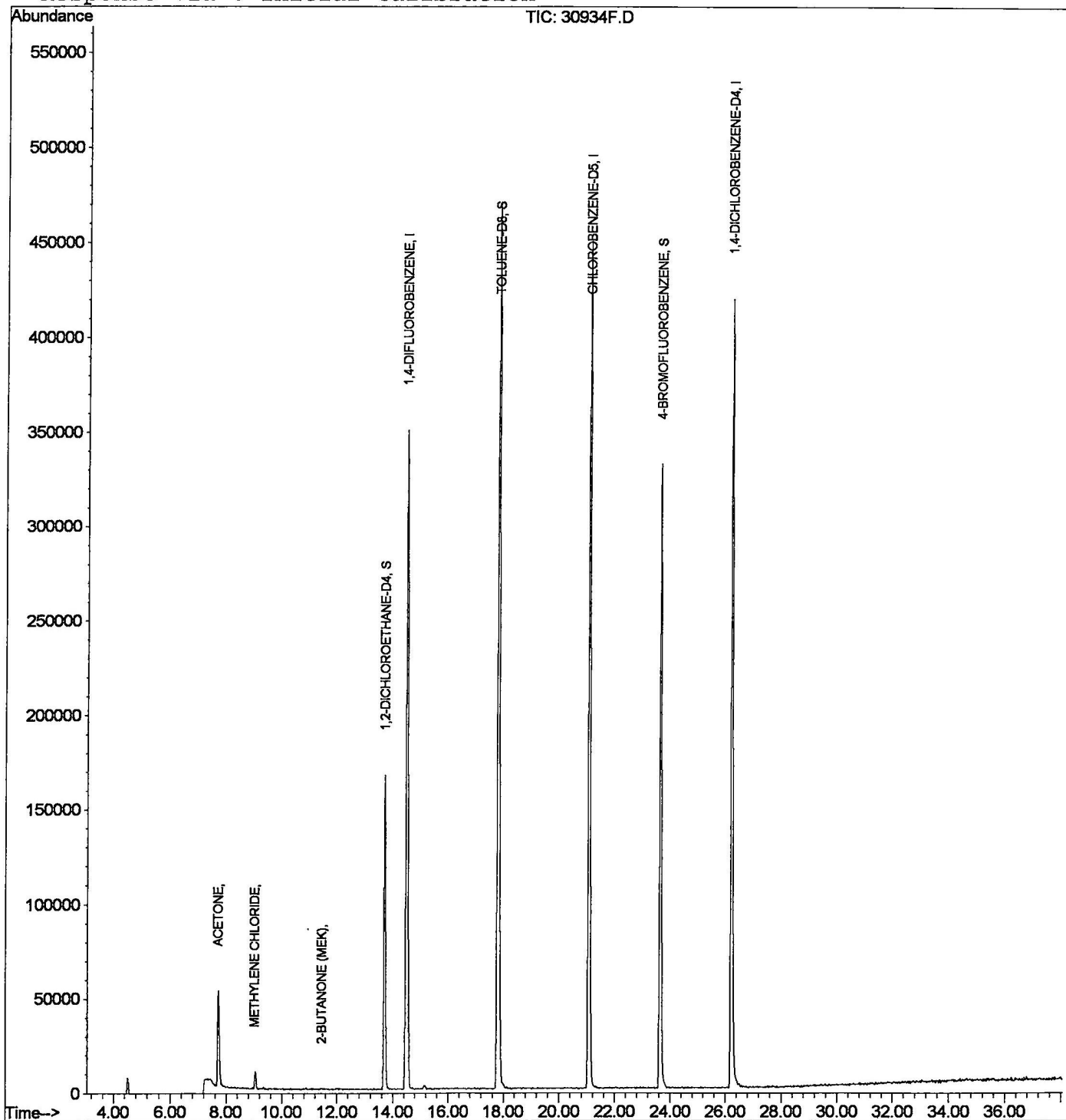
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec26\30934F.D
Acq On : 27 Dec 2001 3:46 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 4:26 2001

Vial: 11
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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 12:01:41

Sample: AD30934
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 12/27/01 00:03 Ended: 12/27/01 00:03 Analyst: BH
 Result source: m:\instruments\206\rrfiles\30934f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.8		.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		5.3		.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	1,1,1,2,2-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

acetone - 39

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:17:20

Sample: AD31277
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/27/01 00:01 Ended: 12/27/01 00:01 Analyst: BH
Result source: m:\instruments\206\rrfiles\31277.rr
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

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/27/2001 Time: 12:17:20

Sample: AD31277
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/27/01 00:01 Ended: 12/27/01 00:01 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31277.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		3.9		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 AR
 DATE 1/2/01

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec26\30934F.D

Acq On : 27 Dec 2001 3:46 am

Sample : fb

Misc :

MS Integration Params: LSCINT.P

Quant Time: Dec 27 4:26 2001

Vial: 11

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	14.49	114	613015	5.00	ug/L	0.14
22) CHLOROBENZENE-D5	21.08	117	565441	5.00	ug/L	0.12
50) 1,4-DICHLOROBENZENE-D4	26.23	152	267999	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.71	65	233288	5.78	ug/L	0.12
Spiked Amount 5.000			Recovery	=	115.60%	
3) 4-BROMOFLUOROBENZENE	23.66	174	186407	3.96	ug/L	0.12
Spiked Amount 5.000			Recovery	=	79.20%	
23) TOLUENE-D8	17.81	98	799496	5.33	ug/L	0.14
Spiked Amount 5.000			Recovery	=	106.60%	
Target Compounds						
10) ACETONE	7.72	43	160415	39.01	ug/L	Qvalue 97
12) METHYLENE CHLORIDE 36	9.04	49	12203	0.36	ug/L	96
16) 2-BUTANONE (MEK)	11.46	43	1424	0.20	ug/L	64

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

30934F.D HP121001.M Thu Dec 27 04:28:11 2001

Page 1

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:01:41

Sample: AD30934
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 12/27/01 00:03 Ended: 12/27/01 00:03 Analyst: BH
Result source: m:\instruments\206\rrfiles\30934f.rr
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

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/27/2001 Time: 12:10:08

Sample: AD31075
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 12/27/01 00:04 Ended: 12/27/01 00:04 Analyst: BH
Result source: m:\instruments\206\rrfiles\31075f.rr
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

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec26\31075F.D

Acq On : 27 Dec 2001 4:32 am

Sample : 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)

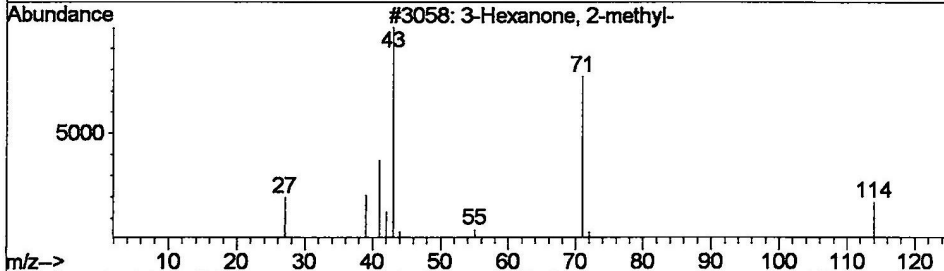
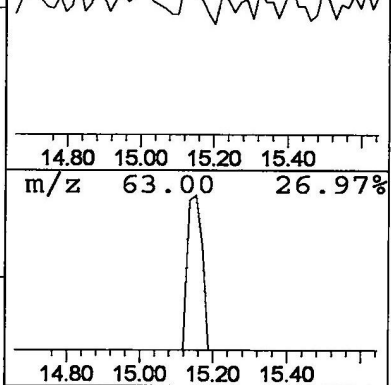
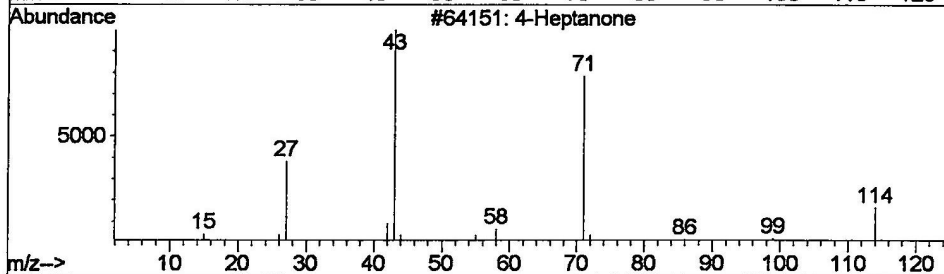
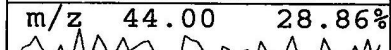
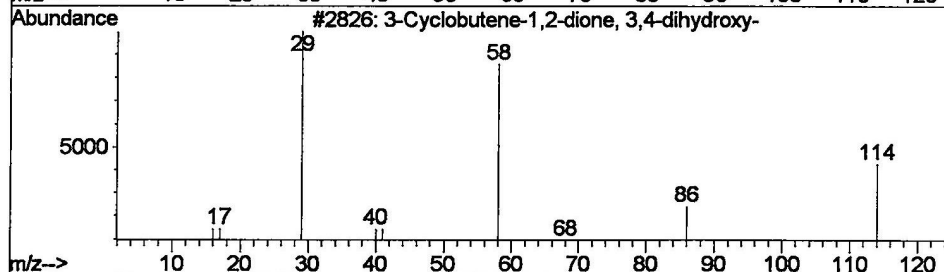
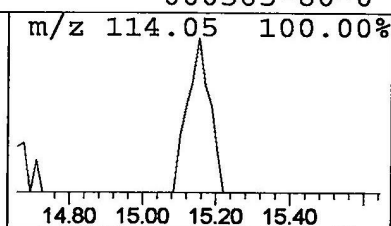
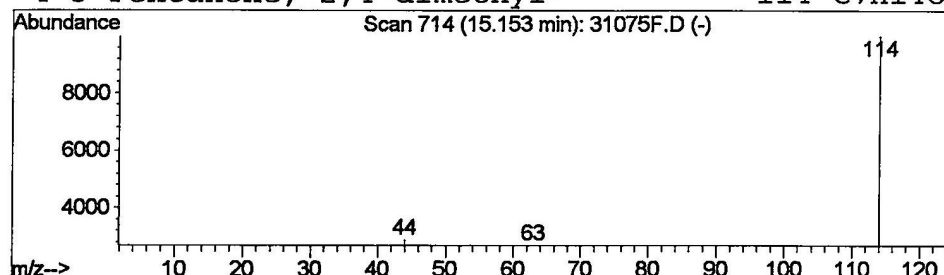
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	0.03 ug/L	8861	1,4-DIFLUOROBENZENE	14.49

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



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec26\31075F.D
 Acq On : 27 Dec 2001 4:32 am
 Sample : fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 27 5:12 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	14.49	114	602615	5.00	ug/L	0.14
22) CHLOROBENZENE-D5	21.08	117	563242	5.00	ug/L	0.12
50) 1,4-DICHLOROBENZENE-D4	26.24	152	256658	5.00	ug/L	0.14
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.71	65	228668	5.76	ug/L	0.12
Spiked Amount 5.000			Recovery	=	115.20%	
3) 4-BROMOFLUOROBENZENE	23.65	174	174174	3.77	ug/L	0.12
Spiked Amount 5.000			Recovery	=	75.40%	
23) TOLUENE-D8	17.81	98	758668	5.08	ug/L	0.14
Spiked Amount 5.000			Recovery	=	101.60%	
Target Compounds						
10) ACETONE	7.72	43	148959	36.85	ug/L	97
12) METHYLENE CHLORIDE ,31	9.05	49	10134	0.31	ug/L	96
16) 2-BUTANONE (MEK)	11.46	43	1449	0.20	ug/L	64

 (#) = qualifier out of range (m) = manual integration
 31075F.D HP121001.M Thu Dec 27 05:13:33 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec26\30934F.D
Acq On : 27 Dec 2001 3:46 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P

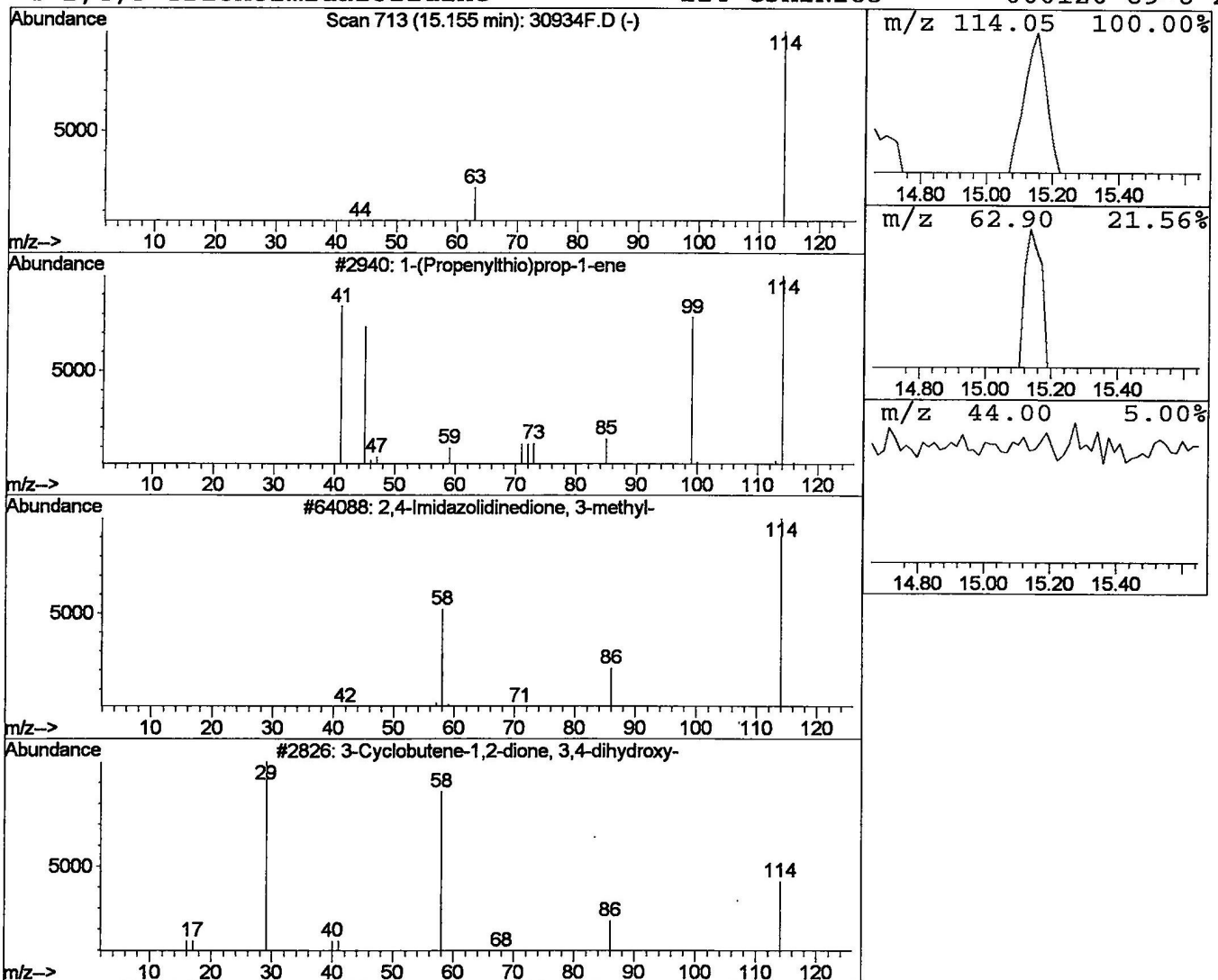
Vial: 11
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

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

Peak Number 2 1-(Propenylthio)prop-1-ene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	0.04 ug/L	11236	1,4-DIFLUOROBENZENE	14.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(Propenylthio)prop-1-ene	114	C6H10S	000000-00-0	3
2		2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3
3		3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2
4		2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2



Data File : C:\HPCHEM\1\DATA\01dec26\31075F.D
Acq On : 27 Dec 2001 4:32 am
Sample : fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 27 5:12 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 : Wed Dec 12 08:39:59 2001
Response via : Initial Calibration

