

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/31/2001 Time: 11:42:41

Sample: AD31466
 Analysis: \$B1524 Volatile Organic Compounds-Blank
 Units: ug
 Started: 12/28/01 00:09 Ended: 12/28/01 00:09 Analyst: BH
 Result source: m:\instruments\206\rrfiles\1228b1.rr
 Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-		4.2
2	Surr - 4-BROMOFLUOROBENZ		4.2
3	DICHLORODIFLUOROMETHAN		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHAN		< MDL
9	ACETONE		0.74
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)		0.11
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	CHLOROENZENE		< 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: 12/31/2001 Time: 11:42:41

Sample: AD31466
Analysis: \$B1524 Volatile Organic Compounds-Blank
Units: ug
Started: 12/28/01 00:09 Ended: 12/28/01 00:09 Analyst: BH
Result source: m:\instruments\206\rrfiles\1228bl1.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\01dec28\1228BL1.D
 Acq On : 28 Dec 2001 9:12 am
 Sample : 1b
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 9:50 2001

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

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)
 Title : VOCs BY EPA METHOD 524
 Last Update : 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	1582458	5.00	ug/L	0.08
22) CHLOROBENZENE-D5	21.05	117	1383606	5.00	ug/L	0.08
50) 1,4-DICHLOROBENZENE-D4	26.21	152	692258	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	433271	4.16	ug/L	0.09
Spiked Amount 5.000			Recovery	=	83.20%	
3) 4-BROMOFLUOROBENZENE	23.62	174	515098	4.24	ug/L	0.08
Spiked Amount 5.000			Recovery	=	84.80%	
23) TOLUENE-D8	17.76	98	1847322	5.04	ug/L	0.08
Spiked Amount 5.000			Recovery	=	100.80%	
Target Compounds						
10) ACETONE	7.70	43	7864	0.74	ug/L	Qvalue 87
16) 2-BUTANONE (MEK)	11.49	43	1978	0.11	ug/L	64

(#) = qualifier out of range (m) = manual integration
 1228BL1.D HP121001.M Fri Dec 28 09:51:06 2001

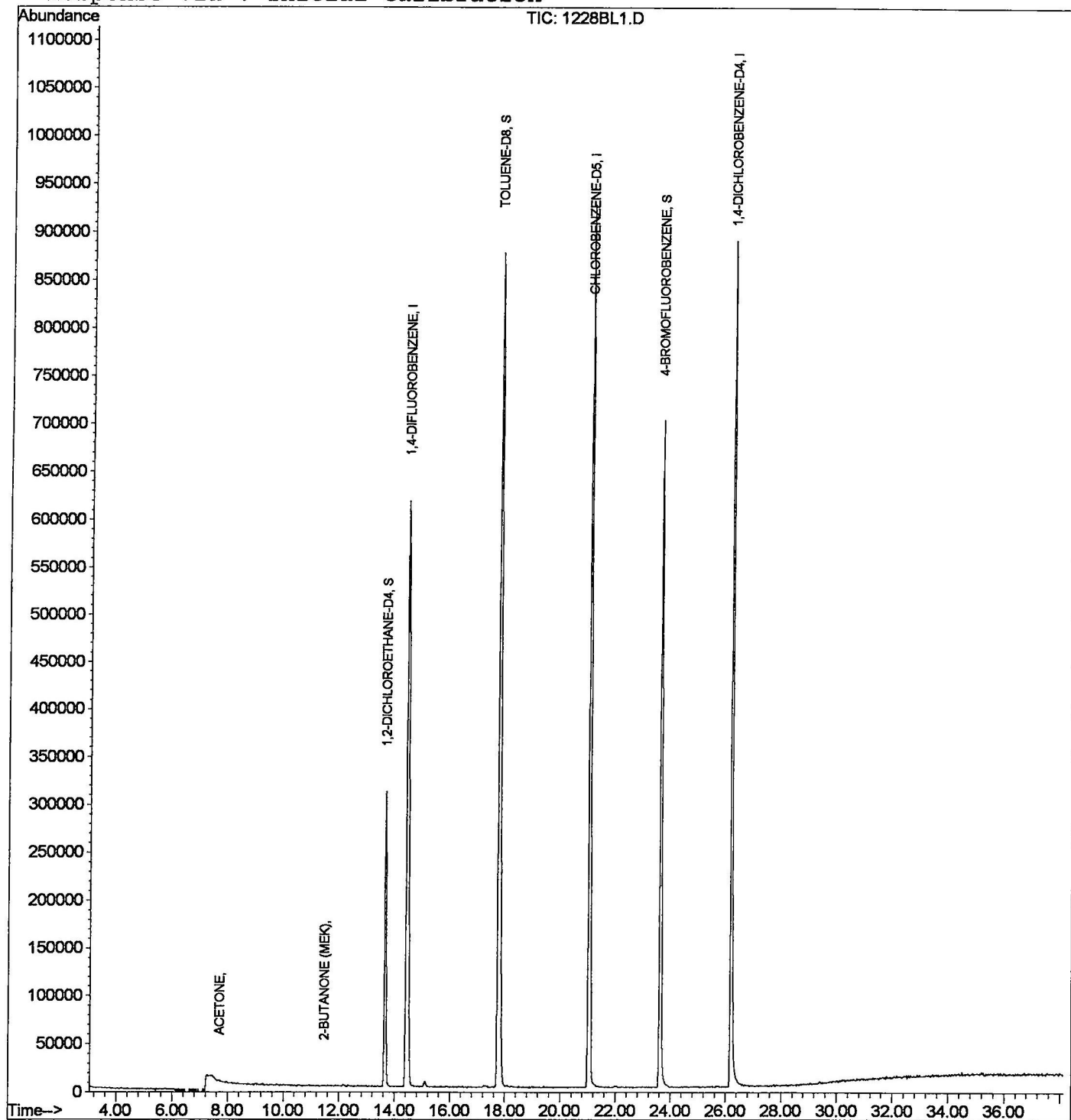
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec28\1228BL1.D
Acq On : 28 Dec 2001 9:12 am
Sample : 1b
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 28 9:50 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\01DEC28\1228BL1.D
 Acq On : 28 Dec 2001 9:12 am
 Sample : 1b
 Misc :
 MS Integration Params: LSCINT.P

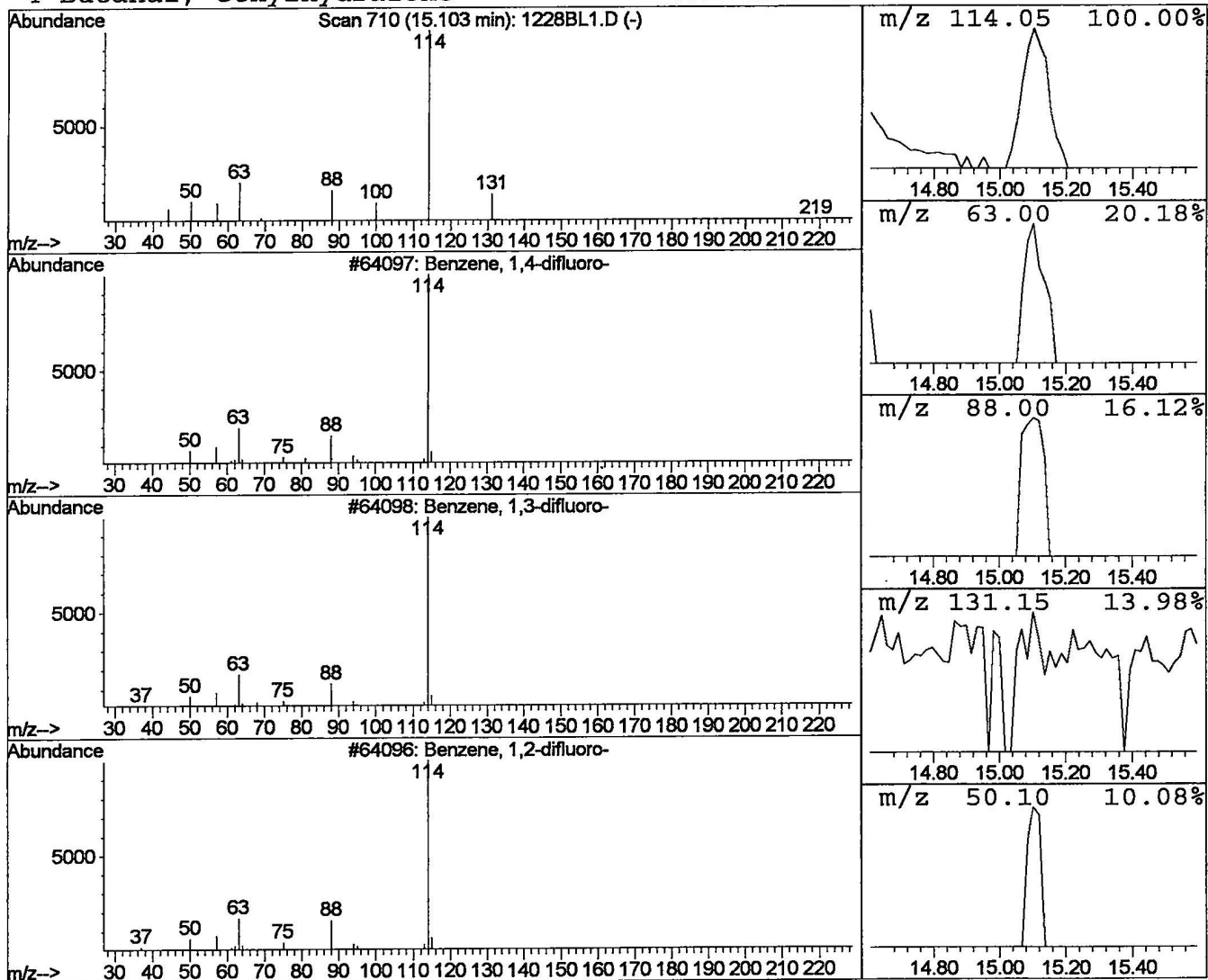
Vial: 5
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 1 Benzene, 1,4-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.04 ug/L	31252	1,4-DIFLUOROBENZENE	14.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	35
2			Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	35
3			Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	35
4			Butanal, ethylhydrazone	114	C6H14N2	051576-30-8	9



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/31/2001 Time: 11:41:34

Sample: AD31466
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1
 Units: ug
 Started: 12/28/01 00:00 Ended: 12/28/01 00:00 Analyst: BH
 Result source: m:\instruments\206\rrfiles\1228c10.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.1		.5
2	Surr_4-BROMOFLUOROBENZE		5.4		.5
3	Dichlorodifluoromethane		12		.5
4	Chloromethane	USPEC	17		.5
5	Vinyl chloride	USPEC	19		.5
6	Bromomethane	USPEC	15		.5
7	Chloroethane	USPEC	17		.5
8	Trichlorofluoromethane		13		.5
9	1,1-Dichloroethene		9.4		.5
10	Methylene Chloride		9.3		.5
11	Methyl tert-butyl ether		7.9		1.0
12	trans-1,2-dichloroethene		8.5		.5
13	1,1-dichloroethane		9.2		.5
14	2-butanone (MEK)		7.4		2.0
15	2,2-dichloropropane		9.2		.5
16	cis-1,2-dichloroethene		8.9		.5
17	Chloroform		10		.5
18	Bromochloromethane		9.0		.5
19	1,2-dichloroethane		8.8		.5
20	Surr_TOLUENE-D8		5.7		.5
21	1,1,1- trichloroethane		12		.5
22	1,1-dichloropropene		11		.5
23	Carbon tetrachloride		12		.5
24	Benzene		11		.5
25	Trichloroethene		11		.5
26	1,2-dichloropropane		10		.5
27	Dibromomethane		12		.5
28	Bromodichloromethane		12		.5
29	Methyl iso-butyl ketone		8.1		1.0
30	cis-1,3-dichloropropene		10		.5
31	Toluene		10		.5
32	trans-1,3-dichloropropene		11		.5
33	1,1,2-trichloroethane		11		.5
34	Tetrachloroethene		11		.5
35	1,3-dichloropropane		11		.5
36	Dibromochloromethane		12		2.0
37	Chlorobenzene		11		.5
38	1,1,1,2-tetrachloroethane		11		.5
39	Ethylbenzene		11		.5
40	P & M-xylene		21		.5
41	O-xylene		11		.5
42	Styrene		10		.5
43	1,1,2,2-tetrachloroethane		13		.5
44	Bromoform		9.6		2.0
45	Isopropylbenzene		8.0		.5
46	1,2,3-trichloropropane		8.8		.5
47	N-propylbenzene		8.4		.5
48	Bromobenzene		9.3		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/31/2001 Time: 11:41:34

Sample: AD31466
Analysis: \$C1524 Volatile Organic Compounds-Cal 1
Units: ug
Started: 12/28/01 00:00 Ended: 12/28/01 00:00 Analyst: BH
Result source: m:\instruments\206\rrfiles\1228c10.rr
Page: 2

	Component Name	Vol	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		9.2		.5
53	1,2,4-trimethylbenzene		8.5		.5
54	SEC-butylbenzene		8.7		.5
55	P-isopropyltoluene		8.9		.5
56	1,3-dichlorobenzene		10		.5
57	1,4-dichlorobenzene		10		.5
58	N-butylbenzene		9.8		.5
59	1,2-dichlorobenzene		10		.5
60	1,2,4-trichlorobenzene		11		.5
61	Hexachlobutadiene		11		.5
62	Naphthalene		11		.5
63	1,2,3-trichlorobenzene		11		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC28\1228C10.D
 Acq On : 28 Dec 2001 10:00 am
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 11:45 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 : Fri Dec 28 11:44:48 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	843825	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	660973	5.00	ug/L	0.08
50) 1,4-DICHLOROBENZENE-D4	26.21	152	471513	5.00	ug/L	0.10

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.67	65	286197	5.15	ug/L	0.09
Spiked Amount	5.000		Recovery	=	103.00%	
3) 4-BROMOFLUOROBENZENE	23.62	174	348006	5.37	ug/L	0.08
Spiked Amount	5.000		Recovery	=	107.40%	
23) TOLUENE-D8	17.78	98	998199	5.70	ug/L	0.10
Spiked Amount	5.000		Recovery	=	114.00%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.50	85	331765	12.05	ug/L	97
5) CHLOROMETHANE	5.02	50	294925	17.22	ug/L	96
6) VINYL CHLORIDE	5.17	62	327775	19.25	ug/L	95
7) BROMOMETHANE	6.10	94	222009	14.91	ug/L	100
8) CHLOROETHANE	6.23	64	195770	16.77	ug/L	96
9) TRICHLOROFLUOROMETHANE	6.77	101	471539	12.76	ug/L	99
10) ACETONE	7.70	43	48344	8.54	ug/L	99
11) 1,1-DICHLOROETHENE	8.03	61	449563	9.38	ug/L	92
12) METHYLENE CHLORIDE	9.02	49	432942	9.31	ug/L	83
13) METHYL TERT BUTYL ETHER	9.31	73	484341	7.90	ug/L	97
14) TRANS-1,2-DICHLOROETHENE	9.67	61	444328	8.54	ug/L	82
15) 1,1-DICHLOROETHANE	10.54	63	599514	9.24	ug/L	98
16) 2-BUTANONE (MEK)	11.37	43	73985	7.40	ug/L	93
17) 2,2-DICHLOROPROPANE	11.75	77	492845	9.22	ug/L	99
18) CIS-1,2-DICHLOROETHENE	11.83	96	324197	8.92	ug/L	86
19) CHLOROFORM	12.17	83	618726	9.99	ug/L	99
20) BROMOCHLOROMETHANE	12.53	49	263787	8.98	ug/L	87
21) 1,2-DICHLOROETHANE	13.88	62	365793	8.78	ug/L	98
24) 1,1,1-TRICHLOROETHANE	13.04	97	477433	11.76	ug/L	96
25) 1,1-DICHLOROPROPENE	13.38	75	439280	10.96	ug/L	96
26) CARBON TETRACHLORIDE	13.62	117	426468	12.35	ug/L	98
27) BENZENE	13.98	78	1235978	10.61	ug/L	100
28) TRICHLOROETHENE	15.24	95	339107	10.87	ug/L	92
29) 1,2-DICHLOROPROPANE	15.60	63	334119	10.30	ug/L	99
30) DIBROMOMETHANE	16.24	174	137830	11.94	ug/L	83
31) BROMODICHLOROMETHANE	16.09	83	442532	11.84	ug/L	99
32) 2-CHLOROETHYL VINYL ETHER	16.58	63	100739	8.36	ug/L	94
33) Methyl iso-butyl ketone	16.67	58	50410	8.14	ug/L	90

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

1228C10.D HP121001.M Fri Dec 28 11:45:07 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC28\1228C10.D

Vial: 8

Acq On : 28 Dec 2001 10:00 am

Operator: 206-BH

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 28 11:45 2001

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

Last Update : Fri Dec 28 11:44:48 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.18	75	487634	10.42	ug/L	99
35) TOLUENE	17.95	91	1345613	10.24	ug/L	99
36) TRANS-1,3-DICHLOROPROPENE	18.22	75	384643	10.58	ug/L	97
37) 1,1,2-TRICHLOROETHANE	18.60	97	191320	10.63	ug/L	97
38) TETRACHLOROETHENE	19.38	166	341724	11.03	ug/L	94
39) 1,3-DICHLOROPROPANE	19.12	76	373446	10.74	ug/L	99
40) DIBROMOCHLOROMETHANE	19.80	129	254037	11.61	ug/L	98
41) 1,2-DIBROMOETHANE	20.25	107	178785	10.43	ug/L	99
42) CHLOROBENZENE	21.13	112	926948	10.60	ug/L	97
43) 1,1,1,2-TETRACHLOROETHANE	21.17	131	323391	11.35	ug/L	99
44) 2-HEXANONE	18.51	43	94985	9.18	ug/L	100
45) ETHYLBENZENE	21.18	91	1711822	10.58	ug/L	99
46) P & M-XYLENE	21.34	106	1248211	20.52	ug/L	96
47) O-XYLENE	22.31	91	1361340	10.55	ug/L	99
48) STYRENE	22.36	104	1017737	10.14	ug/L	98
49) 1,1,2,2-TETRACHLOROETHANE	23.38	83	242097	12.57	ug/L	100
51) BROMOFORM	23.20	173	136943	9.61	ug/L	96
52) ISOPROPYLBENZENE	23.02	105	1650171	8.01	ug/L	96
53) 1,2,3-TRICHLOROPROPANE	23.71	110	66041	8.79	ug/L	93
54) N-PROPYLBENZENE	23.89	91	2236871	8.38	ug/L	98
55) BROMOBENZENE	24.12	156	408606	9.31	ug/L	89
56) 1,3,5-TRIMETHYLBENZENE	24.22	105	1433230	8.06	ug/L	98
57) 2-CHLOROTOLUENE	24.37	91	1395507	8.24	ug/L	93
58) 4-CHLOROTOLUENE	24.44	91	1329045	8.76	ug/L	95
59) TERT-BUTYLBENZENE	25.00	134	349848	9.21	ug/L	89
60) 1,2,4-TRIMETHYLBENZENE	25.09	105	1572228	8.52	ug/L	98
61) SEC-BUTYLBENZENE	25.46	105	2158598	8.72	ug/L	97
62) P-ISOPROPYLTOLUENE	25.72	119	1765128	8.88	ug/L	97
63) 1,3-DICHLOROBENZENE	26.06	146	954275	10.06	ug/L	97
64) 1,4-DICHLOROBENZENE	26.28	146	946775	9.98	ug/L	96
65) N-BUTYLBENZENE	26.60	91	1855777	9.75	ug/L	98
66) 1,2-DICHLOROBENZENE	27.11	146	814489	10.41	ug/L	97
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.77	157	44922	11.23	ug/L	96
68) NITROBENZENE	28.97	77	358868	217.64	ug/L	94
69) 1,2,4-TRICHLOROBENZENE	30.71	180	481330	11.09	ug/L	99
70) HEXACHLOROBUTADIENE	30.95	225	280128	10.63	ug/L	98
71) NAPHTHALENE	31.37	128	508591	10.64	ug/L	96
72) 1,2,3-TRICHLOROBENZENE	31.94	180	348300	10.94	ug/L	96

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

1228C10.D HP121001.M

Fri Dec 28 11:45:09 2001

Page 2

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/31/2001 Time: 11:46:05

Sample: AD31466
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 12/28/01 00:01 Ended: 12/28/01 00:01 Analyst: BH
 Result source: m:\instruments\206\rrfiles\1228r40.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	1,2-DICHLOROETHANE-D4		5.3		
2	4-BROMOFLUOROBENZENE		6.7		
3	DICHLORODIFLUOROMETHANE		39		.5
4	CHLOROMETHANE		64		.5
5	VINYL CHLORIDE		52		.5
6	BROMOMETHANE		62		.5
7	CHLOROETHANE		61		.5
8	TRICHLOROFLUOROMETHANE		46		.5
9	ACETONE		39		.5
10	1,1-DICHLOROETHENE		48		.5
11	METHYLENE CHLORIDE		47		.5
12	METHYL TERT BUTYL ETHER		36		1
13	TRANS-1,2-DICHLOROETHENE		47		.5
14	1,1-DICHLOROETHANE		46		.5
15	2-BUTANONE (MEK)		33		.5
16	2,2-DICHLOROPROPANE		49		.5
17	CIS-1,2-DICHLOROETHENE		46		.5
18	CHLOROFORM		49		.5
19	BROMOCHLOROMETHANE		44		.5
20	1,2-DICHLOROETHANE		45		.5
21	TOLUENE-D8		4.4		
22	1,1,1-TRICHLOROETHANE		43		.5
23	1,1-DICHLOROPROPENE		41		.5
24	CARBON TETRACHLORIDE		46		.5
25	BENZENE		39		.5
26	TRICHLOROETHENE		40		.5
27	1,2-DICHLOROPROPANE		37		.5
28	DIBROMOMETHANE		42		.5
29	BROMODICHLOROMETHANE		42		.5
30	2-CHLOROETHYL VINYL ETHER		30		.5
31	METHYL ISO-BUTYL KETONE		28		1
32	CIS-1,3-DICHLOROPROPENE		40		.5
33	TOLUENE		40		.5
34	TRANS-1,3-DICHLOROPROPENE		41		.5
35	1,1,2-TRICHLOROETHANE		40		.5
36	TETRACHLOROETHENE		47		.5
37	1,3-DICHLOROPROPANE		42		.5
38	DIBROMOCHLOROMETHANE		46		2
39	1,2-DIBROMOETHANE		42		.5
40	CHLOROBENZENE		44		.5
41	1,1,1,2-TETRACHLOROETHANE		47		.5
42	2-HEXANONE		36		.5
43	ETHYLBENZENE		46		.5
44	P & M-XYLENE		88		.5
45	O-XYLENE		46		.5
46	STYRENE		45		.5
47	1,1,2,2-TETRACHLOROETHANE		51		.5
48	BROMOFORM		41		2

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/31/2001 Time: 11:46:05

Sample: AD31466
 Analysis: \$RE524 Reference recovery for 524
 Units: ug
 Started: 12/28/01 00:01 Ended: 12/28/01 00:01 Analyst: BH
 Result source: m:\instruments\206\rrfiles\1228r40.rr
 Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	ISOPROPYLBENZENE		33		.5
50	1,2,3-TRICHLOROPROPANE		33		.5
51	N-PROPYLBENZENE		36		.5
52	BROMOBENZENE		37		.5
53	1,3,5-TRIMETHYLBENZENE		34		.5
54	2-CHLOROTOLUENE		35		.5
55	4-CHLOROTOLUENE		37		.5
56	TERT-BUTYLBENZENE		38		.5
57	1,2,4-TRIMETHYLBENZENE		36		.5
58	SEC-BUTYLBENZENE		37		.5
59	P-ISOPROPYLTOLUENE		36		.5
60	1,3-DICHLOROBENZENE		42		.5
61	1,4-DICHLOROBENZENE		42		.5
62	N-BUTYLBENZENE		42		.5
63	1,2-DICHLOROBENZENE		44		.5
64	1,2-DIBROMO-3-CHLOROPRO		45		.5
65	1,2,4-TRICHLOROBENZENE		50		.5
66	HEXACHLOROBUTADIENE		44		.5
67	NAPHTHALENE		50		.5
68	1,2,3-TRICHLOROBENZENE		49		.5
69	ETHANOL		< MDL		30

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/31/2001 Time: 11:47:04

Sample: AD31466
 Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
 Units: ug
 Started: 12/31/01 11:46 Ended: 12/31/01 11:46 Analyst: BH
 Result source: calculation
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.3		.5
2					
3	Dichlorodifluoromethane		97.5		.5
4					
5	Vinyl chloride		130		.5
6					
7					
8	Trichlorofluoromethane		115		.5
9	1,1-Dichloroethene		120		.5
10	Methylene Chloride		117.5		.5
11	Methyl tert butyl ether		90		1.0
12	trans-1,2-dichloroethene		117.5		.5
13	1,1-dichloroethane		115		.5
14	2-butanone (MEK)		82.5		2.0
15	2,2-dichloropropane		122.5		.5
16	cis-1,2-dichloroethene		115		.5
17	Chloroform		122.5		.5
18	Bromochloromethane		110		.5
19	1,2-dichloroethane		112.5		.5
20	Surr - TOLUENE-D8		4.4		.5
21	1,1,1-trichloroethane		107.5		.5
22	1,1-dichloropropene		102.5		.5
23	Carbon tetrachloride		115		.5
24	Benzene		97.5		.5
25	Trichloroethene		100		.5
26	1,2-dichloropropane		92.5		.5
27	Dibromomethane		105		.5
28	Bromodichloromethane		105		.5
29	Methyl iso-butyl ketone		70		1.0
30	cis-1,3-dichloropropene		100		.5
31	Toluene		100		.5
32	trans-1,3-dichloropropene		102.5		.5
33	1,1,2-trichloroethane		100		.5
34	Tetrachloroethene		117.5		.5
35	1,3-dichloropropane		105		.5
36	Dibromochloromethane		115		2.0
37	Chlorobenzene		110		.5
38	1,1,1,2-tetrachloroethane		117.5		.5
39	Ethylbenzene		115		.5
40	P & M-xylene		110		.5
41	O-xylene		115		.5
42	Styrene		112.5		.5
43	1,1,2,2-tetrachloroethane		127.5		.5
44	Bromoform		102.5		2.0
45	Isopropylbenzene		82.5		.5
46	1,2,3-trichloropropane		82.5		.5
47	N-propylbenzene		90		.5
48	Bromobenzene		92.5		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/31/2001 Time: 11:47:04

Sample: AD31466
Analysis: \$Q_524 Volatile Organic Compounds-Reference Rec
Units: ug
Started: 12/31/01 11:46 Ended: 12/31/01 11:46 Analyst: BH
Result source: calculation
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		85		.5
50	2-chlorotoluene		87.5		.5
51	4-chlorotoluene		92.5		.5
52	TERT-butylbenzene		95		.5
53	1,2,4-trimethylbenzene		90		.5
54	SEC-butylbenzene		92.5		.5
55	P-isopropyltoluene		90		.5
56	1,3-dichlorobenzene		105		.5
57	1,4-dichlorobenzene		105		.5
58	N-butylbenzene		105		.5
59	1,2-dichlorobenzene		110		.5
60	1,2,4-trichlorobenzene		125		.5
61	Hexachlorobutadiene		110		.5
62	Naphthalene		125		.5
63	1,2,3-trichlorobenzene		122.5		.5

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec28\1228R40.D

Vial: 9

Acq On : 28 Dec 2001 11:40 am

Operator: 206-BH

Sample : ref 40

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 28 12:19 2001

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

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

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.44	114	821206	5.00	ug/L	0.09
22) CHLOROBENZENE-D5	21.05	117	915074	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	721555	5.00	ug/L	0.10

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.67	65	285905	5.29	ug/L	0.09
Spiked Amount	5.000		Recovery	=	105.80%	
3) 4-BROMOFLUOROBENZENE	23.62	174	425007	6.74	ug/L	0.09
Spiked Amount	5.000		Recovery	=	134.80%	
23) TOLUENE-D8	17.78	98	1059830	4.37	ug/L	0.10
Spiked Amount	5.000		Recovery	=	87.40%	

Target Compounds

						Qvalue
4) DICHLORODIFLUOROMETHANE	4.49	85	1053063	39.30	ug/L	99
5) CHLOROMETHANE	4.99	50	1072446	64.36	ug/L	97
6) VINYL CHLORIDE	5.14	62	859862	51.89	ug/L	96
7) BROMOMETHANE	6.08	94	894632	61.72	ug/L	99
8) CHLOROETHANE	6.22	64	690572	60.78	ug/L	97
9) TRICHLOROFLUOROMETHANE	6.75	101	1638482	45.55	ug/L	98
10) ACETONE	7.67	43	216368	39.28	ug/L	93
11) 1,1-DICHLOROETHENE	8.03	61	2258490	48.40	ug/L	94
12) METHYLENE CHLORIDE	9.00	49	2130401	47.09	ug/L	89
13) METHYL TERT BUTYL ETHER	9.29	73	2124342	35.58	ug/L	97
14) TRANS-1,2-DICHLOROETHENE	9.65	61	2372408	46.87	ug/L	88
15) 1,1-DICHLOROETHANE	10.54	63	2884864	45.69	ug/L	99
16) 2-BUTANONE (MEK)	11.36	43	323236	33.21	ug/L	93
17) 2,2-DICHLOROPROPANE	11.73	77	2541379	48.85	ug/L	99
18) CIS-1,2-DICHLOROETHENE	11.83	96	1622610	45.87	ug/L	85
19) CHLOROFORM	12.16	83	2961555	49.16	ug/L	100
20) BROMOCHLOROMETHANE	12.53	49	1258332	44.02	ug/L	85
21) 1,2-DICHLOROETHANE	13.86	62	1834934	45.26	ug/L	100
24) 1,1,1-TRICHLOROETHANE	13.04	97	2428681	43.21	ug/L	98
25) 1,1-DICHLOROPROPENE	13.38	75	2247702	40.52	ug/L	97
26) CARBON TETRACHLORIDE	13.62	117	2221683	46.47	ug/L	99
27) BENZENE	13.98	78	6259044	38.82	ug/L	98
28) TRICHLOROETHENE	15.24	95	1715993	39.73	ug/L	92
29) 1,2-DICHLOROPROPANE	15.58	63	1639916	36.52	ug/L	100
30) DIBROMOMETHANE	16.24	174	674504	42.19	ug/L	80
31) BROMODICHLOROMETHANE	16.09	83	2191580	42.35	ug/L	98
32) 2-CHLOROETHYL VINYL ETHER	16.59	63	492893	29.55	ug/L	91
33) Methyl iso-butyl ketone	16.65	58	242471	28.27	ug/L	99

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

1228R40.D HP121001.M

Fri Dec 28 12:19:40 2001

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec28\1228R40.D

Vial: 9

Acq On : 28 Dec 2001 11:40 am

Operator: 206-BH

Sample : ref 40

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 28 12:19 2001

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

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

Response via : Initial Calibration

DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.18	75	2585236	39.90	ug/L	99
35) TOLUENE	17.95	91	7257124	39.88	ug/L	100
36) TRANS-1,3-DICHLOROPROPENE	18.22	75	2058487	40.91	ug/L	99
37) 1,1,2-TRICHLOROETHANE	18.60	97	1002440	40.22	ug/L	99
38) TETRACHLOROETHENE	19.38	166	2031588	47.35	ug/L	95
39) 1,3-DICHLOROPROPANE	19.12	76	2002256	41.60	ug/L	99
40) DIBROMOCHLOROMETHANE	19.81	129	1405662	46.41	ug/L	99
41) 1,2-DIBROMOETHANE	20.25	107	990953	41.77	ug/L	99
42) CHLOROBENZENE	21.13	112	5265793	43.51	ug/L	95
43) 1,1,1,2-TETRACHLOROETHANE	21.17	131	1870144	47.40	ug/L	97
44) 2-HEXANONE	18.49	43	518805	36.21	ug/L	99
45) ETHYLBENZENE	21.19	91	10199777	45.52	ug/L	98
46) P & M-XYLENE	21.34	106	7424171	88.17	ug/L	98
47) O-XYLENE	22.31	91	8210272	45.97	ug/L	99
48) STYRENE	22.36	104	6276866	45.19	ug/L	97
49) 1,1,2,2-TETRACHLOROETHANE	23.38	83	1363495	51.14	ug/L	100
51) BROMOFORM	23.20	173	889424	40.78	ug/L	98
52) ISOPROPYLBENZENE	23.03	105	10427178	33.09	ug/L	98
53) 1,2,3-TRICHLOROPROPANE	23.71	110	377928	32.89	ug/L	89
54) N-PROPYLBENZENE	23.89	91	14851379	36.35	ug/L	100
55) BROMOBENZENE	24.12	156	2493172	37.13	ug/L	89
56) 1,3,5-TRIMETHYLBENZENE	24.22	105	9146908	33.61	ug/L	99
57) 2-CHLOROTOLUENE	24.37	91	9098394	35.11	ug/L	94
58) 4-CHLOROTOLUENE	24.44	91	8570045	36.93	ug/L	99
59) TERT-BUTYLBENZENE	25.00	134	2206382	37.94	ug/L	93
60) 1,2,4-TRIMETHYLBENZENE	25.09	105	10229842	36.21	ug/L	99
61) SEC-BUTYLBENZENE	25.46	105	14143084	37.31	ug/L	97
62) P-ISOPROPYLTOLUENE	25.72	119	10994732	36.12	ug/L	98
63) 1,3-DICHLOROBENZENE	26.06	146	6041575	41.64	ug/L	96
64) 1,4-DICHLOROBENZENE	26.28	146	6127849	42.22	ug/L	96
65) N-BUTYLBENZENE	26.60	91	12115419	41.61	ug/L	98
66) 1,2-DICHLOROBENZENE	27.11	146	5267064	43.98	ug/L	96
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.77	157	278117	45.43	ug/L	95
68) NITROBENZENE	28.95	77	2200262	871.95	ug/L	90
69) 1,2,4-TRICHLOROBENZENE	30.71	180	3323081	50.05	ug/L	98
70) HEXACHLOROBUTADIENE	30.95	225	1775082	44.01	ug/L	98
71) NAPHTHALENE	31.37	128	3633923	49.66	ug/L	98
72) 1,2,3-TRICHLOROBENZENE	31.94	180	2399008	49.24	ug/L	98

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

1228R40.D HP121001.M

Fri Dec 28 12:19:43 2001

Page 2

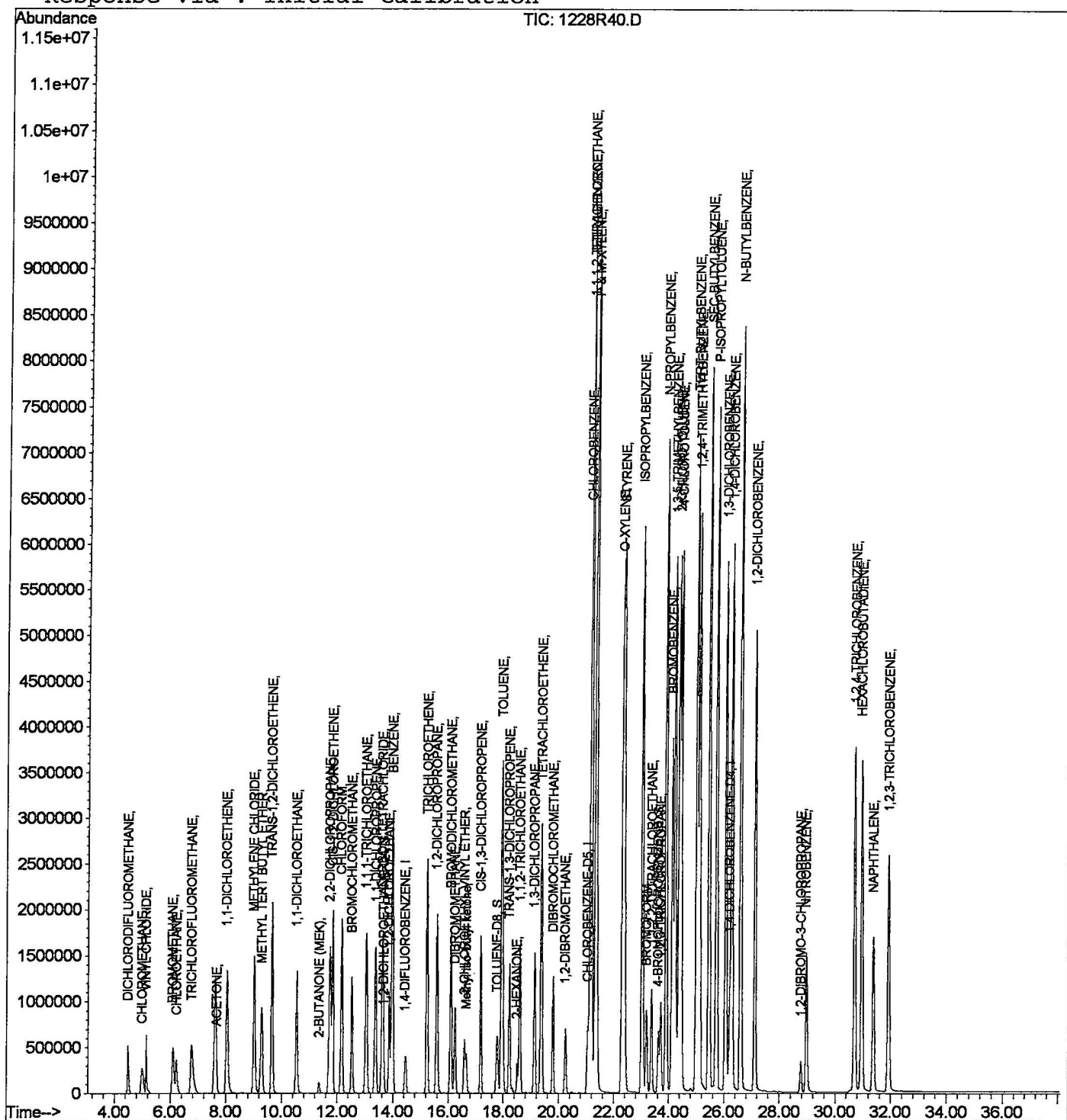
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec28\1228R40.D
 Acq On : 28 Dec 2001 11:40 am
 Sample : ref 40
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 12:19 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: 12/31/2001 Time: 11:38:05

Sample: AD31464
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/28/01 00:03 Ended: 12/28/01 00:03 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31464.rr
 Page: 1

	Component Name	Vol	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

REVIEWED BY AV
 DATE 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/31/2001 Time: 11:38:05

Sample: AD31464
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/28/01 00:03 Ended: 12/28/01 00:03 Analyst: BH
Result source: m:\instruments\206\rrfiles\31464.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\01dec28\31464.D
 Acq On : 28 Dec 2001 3:14 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 15:52 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	14.47	114	670199	5.00	ug/L	0.12
22) CHLOROBENZENE-D5	21.07	117	640924	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	310014	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	237564	5.38	ug/L	0.10
Spiked Amount 5.000			Recovery	=	107.60%	
3) 4-BROMOFLUOROBENZENE	23.64	174	218026	4.24	ug/L	0.10
Spiked Amount 5.000			Recovery	=	84.80%	
23) TOLUENE-D8	17.78	98	849368	5.00	ug/L	0.10
Spiked Amount 5.000			Recovery	=	100.00%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.46	43	2107	0.27	ug/L	Qvalue 64

 (#) = qualifier out of range (m) = manual integration
 31464.D HP121001.M Fri Dec 28 15:53:06 2001

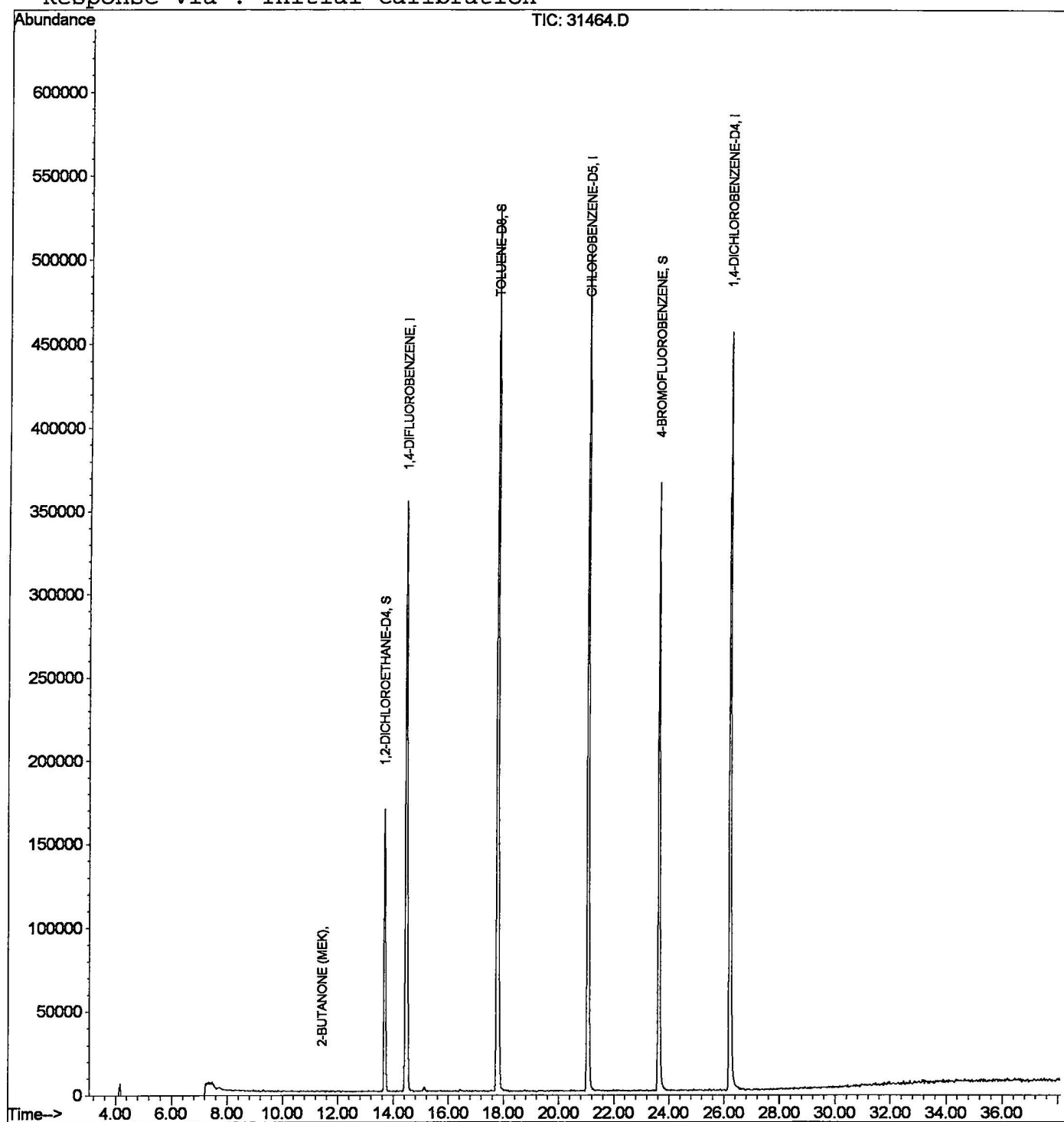
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec28\31464.D
Acq On : 28 Dec 2001 3:14 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 28 15:52 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\01dec28\31464.D
 Acq On : 28 Dec 2001 3:14 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

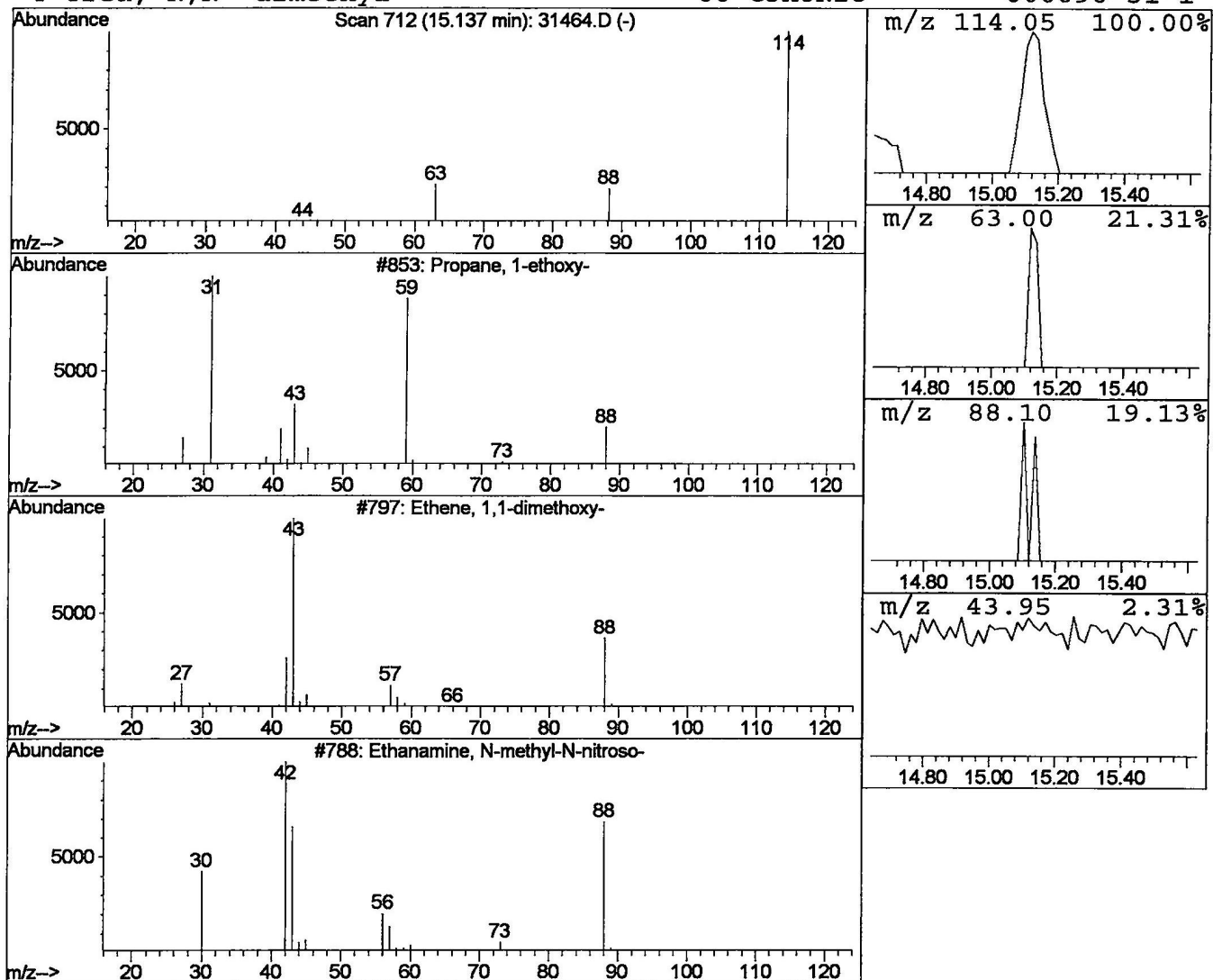
Vial: 7
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 5 Propane, 1-ethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	0.04 ug/L	13060	1,4-DIFLUOROBENZENE	14.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propane, 1-ethoxy-	88	C5H12O	000628-32-0	3
2		Ethene, 1,1-dimethoxy-	88	C4H8O2	000922-69-0	3
3		Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3
4		Urea, N,N'-dimethyl-	88	C3H8N2O	000096-31-1	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/31/2001 Time: 11:38:58

Sample: AD31465
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/28/01 00:03 Ended: 12/28/01 00:03 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31465.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.8		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.4		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 AY
 DATE 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/31/2001 Time: 11:38:58

Sample: AD31465
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/28/01 00:03 Ended: 12/28/01 00:03 Analyst: BH
Result source: m:\instruments\206\rrfiles\31465.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\01dec28\31465.D Vial: 8
 Acq On : 28 Dec 2001 3:57 pm Operator: 206-BH
 Sample : nyc Inst : GC/MS Ins
 Misc : Multiplr: 1.00
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 16:36 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	632588	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.07	117	609181	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	305605	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	243444	5.84	ug/L	0.10
Spiked Amount 5.000			Recovery	=	116.80%	
3) 4-BROMOFLUOROBENZENE	23.64	174	213263	4.39	ug/L	0.10
Spiked Amount 5.000			Recovery	=	87.80%	
23) TOLUENE-D8	17.78	98	817834	5.06	ug/L	0.10
Spiked Amount 5.000			Recovery	=	101.20%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.44	43	1908	0.25	ug/L	Qvalue 64

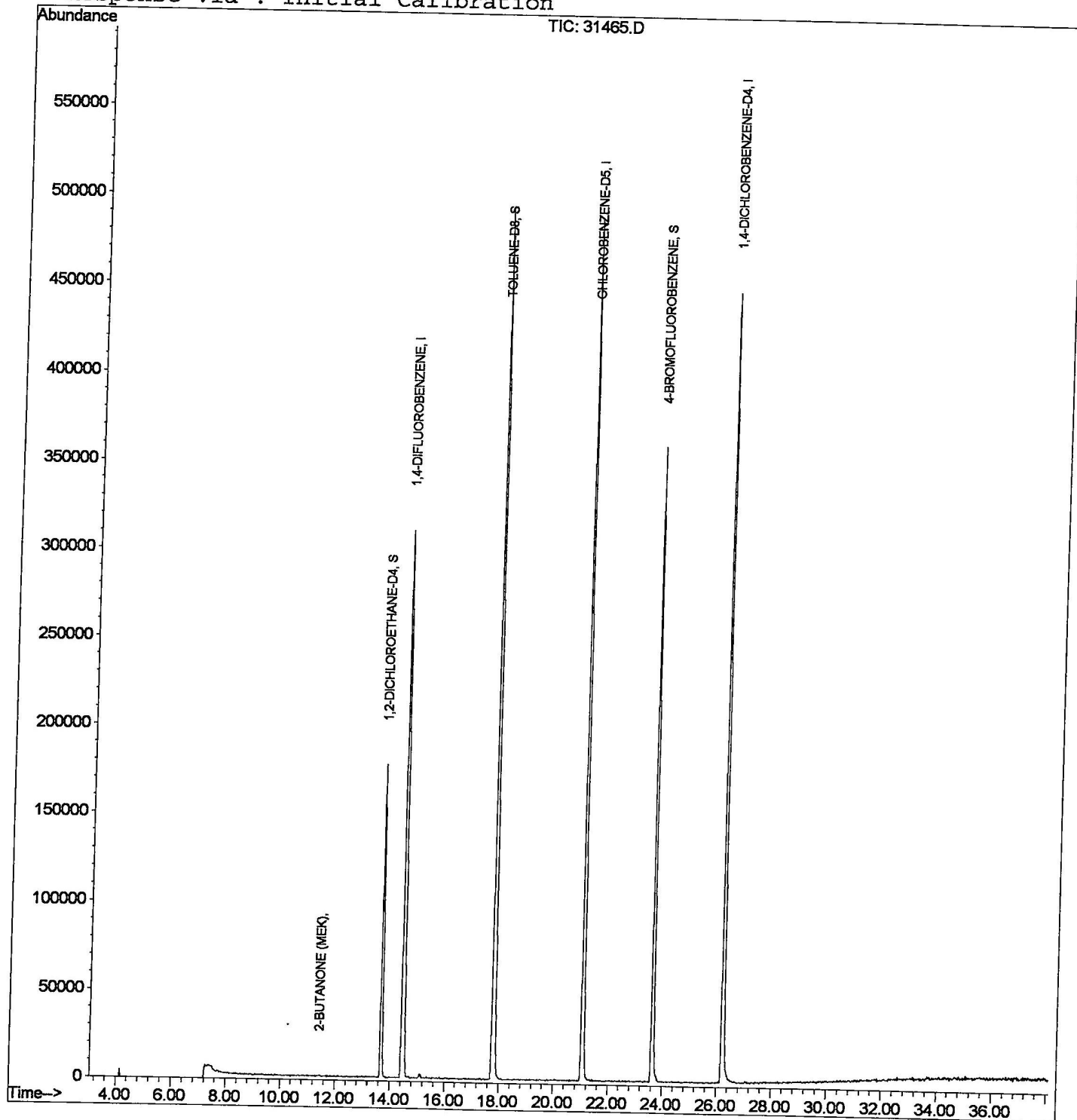
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec28\31465.D
 Acq On : 28 Dec 2001 3:57 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 16:36 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



31465.D HP121001.M

Fri Dec 28 16:36:27 2001

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec28\31465.D
Acq On : 28 Dec 2001 3:57 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P

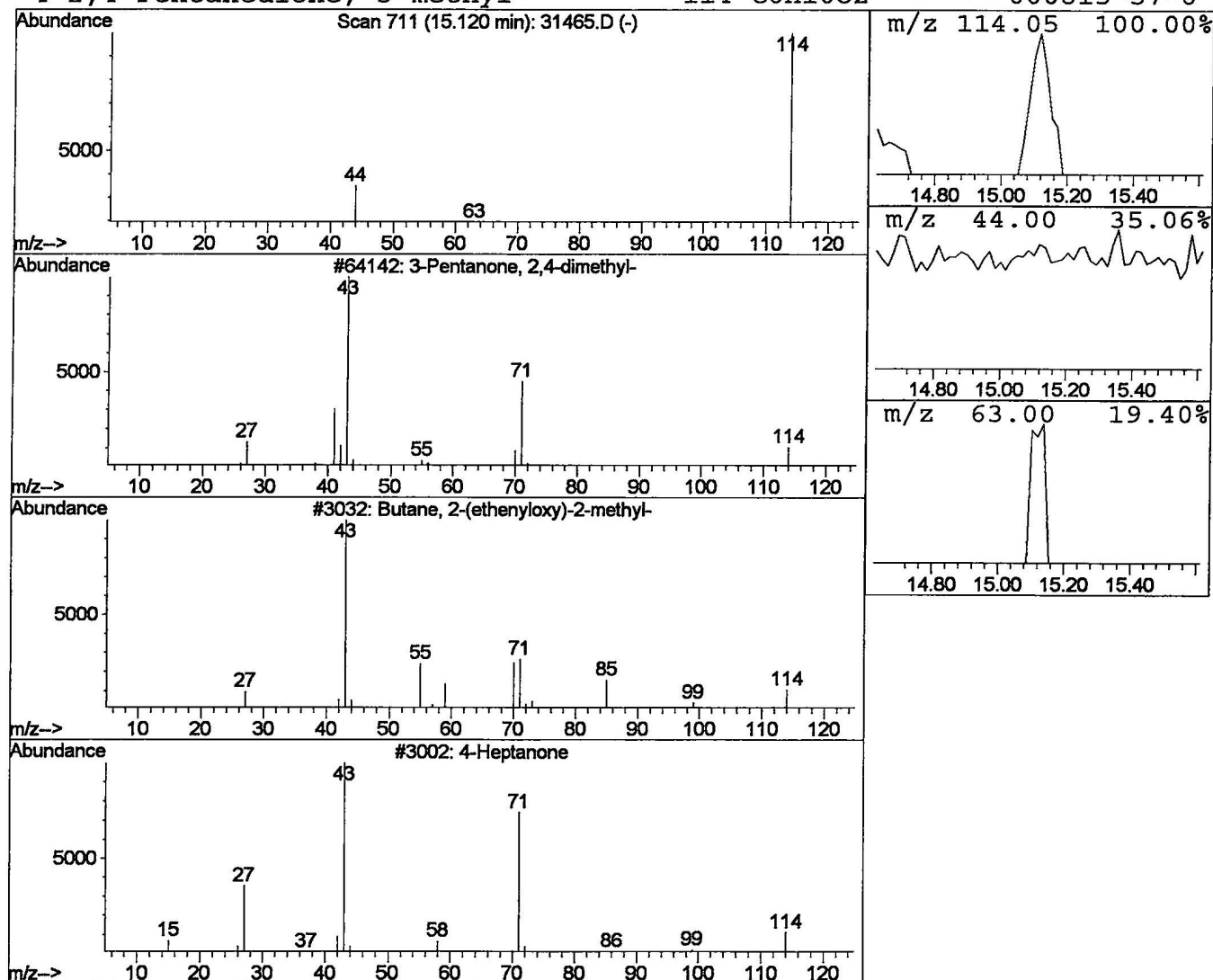
Vial: 8
Operator: 206-BH
Inst : GC/MS Ins
Multiplr: 1.00

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

Peak Number 2 3-Pentanone, 2,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	0.03 ug/L	10930	1,4-DIFLUOROBENZENE	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
2			Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3
3			4-Heptanone	114	C7H14O	000123-19-3	3
4			2,4-Pentanedione, 3-methyl-	114	C6H10O2	000815-57-6	3



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 11:46:37

Sample: AD31466
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/28/20 00:04 Ended: 12/28/20 00:04 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.6	0.5
2	Surr - 4-BROMOFLUOROBENZE		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 (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.0	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethar		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethar		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY BV
 DATE 1/2/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 11:46:37

Sample: AD31466
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/28/20 00:04 Ended: 12/28/20 00:04 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	0.5
49	1,3,5-trimethylbenzene		< MDL	0.5
50	2-chlorotoluene		< MDL	0.5
51	4-chlorotoluene		< MDL	0.5
52	TERT-butylbenzene		< MDL	0.5
53	1,2,4-trimethylbenzene		< MDL	0.5
54	SEC-butylbenzene		< MDL	0.5
55	P-isopropyltoluene		< MDL	0.5
56	1,3-dichlorobenzene		< MDL	0.5
57	1,4-dichlorobenzene		0.24*	0.5
58	N-butylbenzene		< MDL	0.5
59	1,2-dichlorobenzene		< MDL	0.5
60	1,2,4-trichlorobenzene		< MDL	0.5
61	Hexachlorobutadiene		< MDL	0.5
62	Naphthalene		< MDL	0.5
63	1,2,3-trichlorobenzene		< MDL	0.5

Comments for Sample AD31466 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 01-03-2002 Time: 11:41:15

*Estimated value;below calibration range.

Data File : C:\HPCHEM\1\DATA\01dec28\31466.D
 Acq On : 28 Dec 2001 4:41 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 17:19 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	637078	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.07	117	601848	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	294359	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	234504	5.59	ug/L	0.10
Spiked Amount 5.000			Recovery	=	111.80%	
3) 4-BROMOFLUOROBENZENE	23.64	174	205096	4.20	ug/L	0.10
Spiked Amount 5.000			Recovery	=	84.00%	
23) TOLUENE-D8	17.78	98	791431	4.96	ug/L	0.10
Spiked Amount 5.000			Recovery	=	99.20%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.44	43	1014	0.13	ug/L	64
63) 1,3-DICHLOROBENZENE <i>25</i>	26.28	146	13426	0.23	ug/L	86
64) 1,4-DICHLOROBENZENE <i>26.24</i>	26.28	146	14315	0.24	ug/L	87

ok

(#) = qualifier out of range (m) = manual integration
 31466.D HP121001.M Fri Dec 28 17:19:55 2001

Data File : C:\HPCHEM\1\DATA\01dec28\31466.D

Acq On : 28 Dec 2001 4:41 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Quant Time: Dec 28 17:19 2001

Vial: 9

Operator: 206-BH

Inst : GC/MS Ins

Multiplr: 1.00

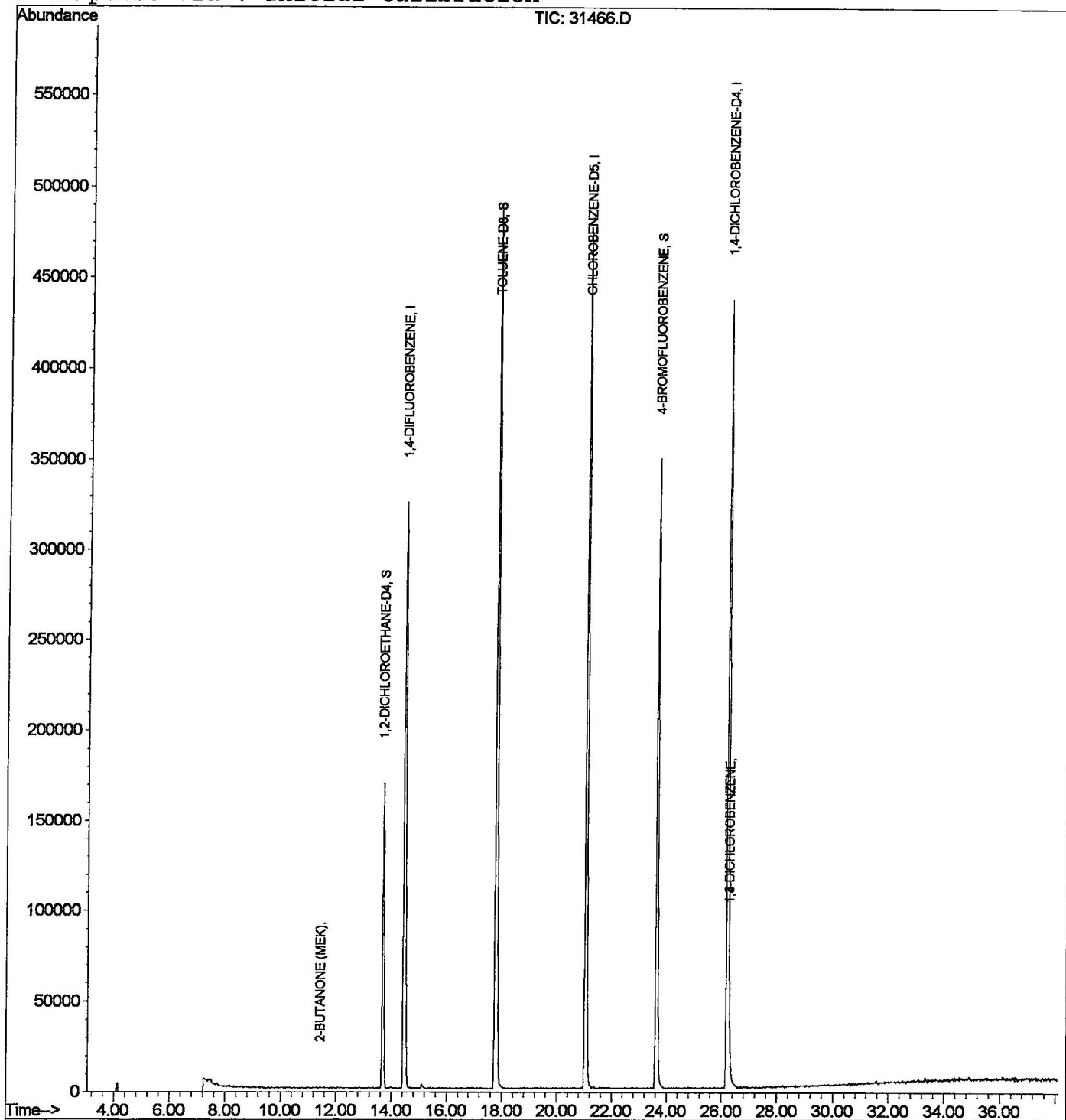
Quant Results File: HP121001.RES

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



31466.D HP121001.M

Fri Dec 28 17:19:58 2001

Page 2

Data File : C:\HPCHEM\1\DATA\01dec28\31466.D
 Acq On : 28 Dec 2001 4:41 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

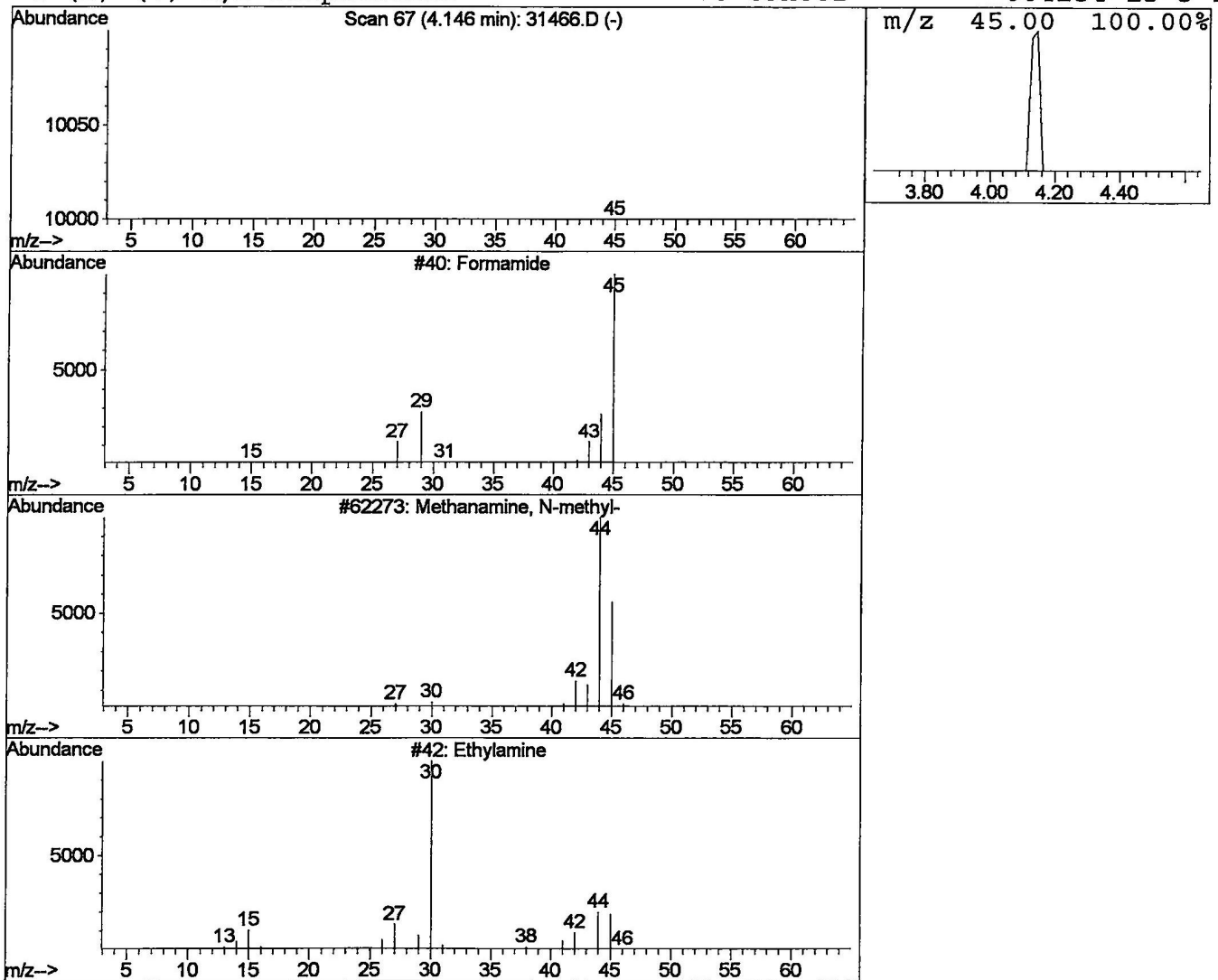
Vial: 9
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 1 Formamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.15	0.03 ug/L	9808	1,4-DIFLUOROBENZENE	14.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Formamide	45	CH3NO	000075-12-7	2
2		Methanamine, N-methyl-	45	C2H7N	000124-40-3	2
3		Ethylamine	45	C2H7N	000075-04-7	1
4		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	1



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 11:46:30

Sample: AD31466
 Analysis: SD_524 Volatile Organic Compounds-Duplicate
 Units: ug
 Started: 12/31/01 11:22 Ended: 01/02/02 11:22 Analyst: WB
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.2	.5
2	Surr - 4-BROMOFLUOROBENZE		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 (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	.5
13	1,1-dichloroethane		< MDL	.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	.5
16	cis-1,2-dichloroethene		< MDL	.5
17	*THM-Chloroform		< MDL	.5
18	Bromochloromethane		< MDL	.5
19	1,2-dichloroethane		< MDL	.5
20	Surr - TOLUENE-D8		5.2	.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	*THM-Bromodichloromethan		< MDL	.5
29	Methyl Iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	.5
31	Toluene		< MDL	.5
32	trans-1,3-dichloropropene		< MDL	.5
33	1,1,2-trichloroethane		< MDL	.5
34	Tetrachloroethene		< MDL	.5
35	1,3-dichloropropane		< MDL	.5
36	*THM-Dibromochloromethan		< MDL	2.0
37	Chlorobenzene		< MDL	.5
38	1,1,1,2-tetrachloroethane		< MDL	.5
39	Ethylbenzene		< MDL	.5
40	P & M-xylene		< MDL	.5
41	O-xylene		< MDL	.5
42	Styrene		< MDL	.5
43	1,1,2,2-tetrachloroethane		< MDL	.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	.5
46	1,2,3-trichloropropane		< MDL	.5
47	N-propylbenzene		< MDL	.5

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 11:46:30

Sample: AD31466
Analysis: \$D_524 Volatile Organic Compounds-Duplicate
Units: ug
Started: 12/31/01 11:22 Ended: 01/02/02 11:22 Analyst: WB
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	.5
49	1,3,5-trimethylbenzene		< MDL	.5
50	2-chlorotoluene		< MDL	.5
51	4-chlorotoluene		< MDL	.5
52	TERT-butylbenzene		< MDL	.5
53	1,2,4-trimethylbenzene		< MDL	.5
54	SEC-butylbenzene		< MDL	.5
55	P-isopropyltoluene		< MDL	.5
56	1,3-dichlorobenzene		< MDL	.5
57	1,4-dichlorobenzene		0.15*	.5
58	N-butylbenzene		< MDL	.5
59	1,2-dichlorobenzene		< MDL	.5
60	1,2,4-trichlorobenzene		< MDL	.5
61	Hexachlorobutadiene		< MDL	.5
62	Naphthalene		< MDL	.5
63	1,2,3-trichlorobenzene		< MDL	.5

User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 11:46:14

Sample: AD31466

Analysis: SP_524 Duplicate calculation for 524

Units: ug

Started: 12/31/01 00:04 Ended: 01/02/01 00:04 Analyst: BH

Result source: manual entry

Page: 1

	Component Name	Viol	Result
1	Surr - 1,2-DICHLOROETHANE-D		0.40
2	Surr - 4-BROMOFLUOROBENZE		0.10
3	DICHLORODIFLUOROMETHANE		< MDL
4	CHLOROMETHANE		< MDL
5	VINYL CHLORIDE		< MDL
6	BROMOMETHANE		< MDL
7	CHLOROETHANE		< MDL
8	TRICHLOROFLUOROMETHANE		< MDL
9	1,1-DICHLOROETHENE		< MDL
10	METHYLENE CHLORIDE		< MDL
11	METHYL TERT-BUTYL ETHER (M		< MDL
12	TRANS-1,2-DICHLOROETHENE		< MDL
13	1,1-DICHLOROETHANE		< MDL
14	2-BUTANONE (MEK)		< MDL
15	2,2-DICHLOROPROPANE		< MDL
16	CIS-1,2-DICHLOROETHENE		< MDL
17	*THM-CHLOROFORM		< MDL
18	BROMOCHLOROMETHANE		< MDL
19	1,2-DICHLOROETHANE		< MDL
20	Surr - TOLUENE-D8		0.20
21	1,1,1- TRICHLOROETHANE		< MDL
22	1,1-DICHLOROPROPENE		< MDL
23	CARBON TETRACHLORIDE		< MDL
24	BENZENE		< MDL
25	TRICHLOROETHENE		< MDL
26	1,2-DICHLOROPROPANE		< MDL
27	DIBROMOMETHANE		< MDL
28	*THM-BROMODICHLOROMETHA		< MDL
29	METHYL ISO-BUTYL KETONE (M		< MDL
30	CIS-1,3-DICHLOROPROPENE		< MDL
31	TOLUENE		< MDL
32	TRANS-1,3-DICHLOROPROPENE		< MDL
33	1,1,2-TRICHLOROETHANE		< MDL
34	TETRACHLOROETHENE		< MDL
35	1,3-DICHLOROPROPANE		< MDL
36	*THM-DIBROMOCHLOROMETHA		< MDL
37	1,2-DIBROMOETHANE		< MDL
38	CHLOROBENZENE		< MDL
39	1,1,1,2-TETRACHLOROETHANE		< MDL
40	2-HEXANONE		< MDL
41	ETHYLBENZENE		< MDL
42	P & M-XYLENE		< MDL
43	O-XYLENE		< MDL
44	STYRENE		< MDL
45	1,1,2,2-TETRACHLOROETHANE		< MDL
46	*THM-BROMOFORM		< MDL
47	ISOPROPYLBENZENE		< MDL

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 11:46:14

Sample: AD31466

Analysis: SP_524 Duplicate calculation for 524

Units: ug

Started: 12/31/01 00:04 Ended: 01/02/01 00:04 Analyst: BH

Result source: manual entry

Page: 2

	Component Name	Viol	Result
48	1,2,3-TRICHLOROPROPANE		< MDL
49	N-PROPYLBENZENE		< MDL
50	BROMOBENZENE		< MDL
51	1,3,5-TRIMETHYLBENZENE		< MDL
52	2-CHLOROTOLUENE		< MDL
53	4-CHLOROTOLUENE		< MDL
54	TERT-BUTYLBENZENE		< MDL
55	1,2,4-TRIMETHYLBENZENE		< MDL
56	SEC-BUTYLBENZENE		< MDL
57	P-ISOPROPYLTOLUENE		< MDL
58	1,3-DICHLOROBENZENE		< MDL
59	1,4-DICHLOROBENZENE		0.09
60	N-BUTYLBENZENE		< MDL
61	1,2-DICHLOROBENZENE		< MDL
62	1,2-DIBROMO-3-CHLOROPROPA		< MDL
63	1,2,4-TRICHLOROBENZENE		< MDL
64	HEXACHLOROBUTADIENE		< MDL
65	NAPHTHALENE		< MDL
66	1,2,3-TRICHLOROBENZENE		< MDL

Comments for Sample AD31466 - Analysis \$D_524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 01-03-2002 Time: 11:42:16

*Estimated value;below calibration range.

Data File : C:\HPCHEM\1\DATA\01dec31\31466D.D

Vial: 7

Acq On : 31 Dec 2001 3:29 pm

Operator: 206-BH

Sample : DUP.

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 31 16:08 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	819669	5.00	ug/L	0.05
22) CHLOROBENZENE-D5	21.00	117	779574	5.00	ug/L	0.03
50) 1,4-DICHLOROBENZENE-D4	26.16	152	361549	5.00	ug/L	0.05
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.64	65	281176	5.21	ug/L	0.05
Spiked Amount 5.000			Recovery	=	104.20%	
3) 4-BROMOFLUOROBENZENE	23.59	174	259285	4.12	ug/L	0.05
Spiked Amount 5.000			Recovery	=	82.40%	
23) TOLUENE-D8	17.73	98	1080596	5.23	ug/L	0.05
Spiked Amount 5.000			Recovery	=	104.60%	
Target Compounds						Qvalue
10) ACETONE	7.67	43	7870	1.43	ug/L	89
16) 2-BUTANONE (MEK)	11.37	43	1438	0.15	ug/L	64
63) 1,3-DICHLOROBENZENE	26.23	146	9379	0.13	ug/L	98
64) 1,4-DICHLOROBENZENE 0.15	26.23	146	10597	0.15	ug/L	98

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

31466D.D HP121001.M Mon Dec 31 16:08:18 2001

Page 1

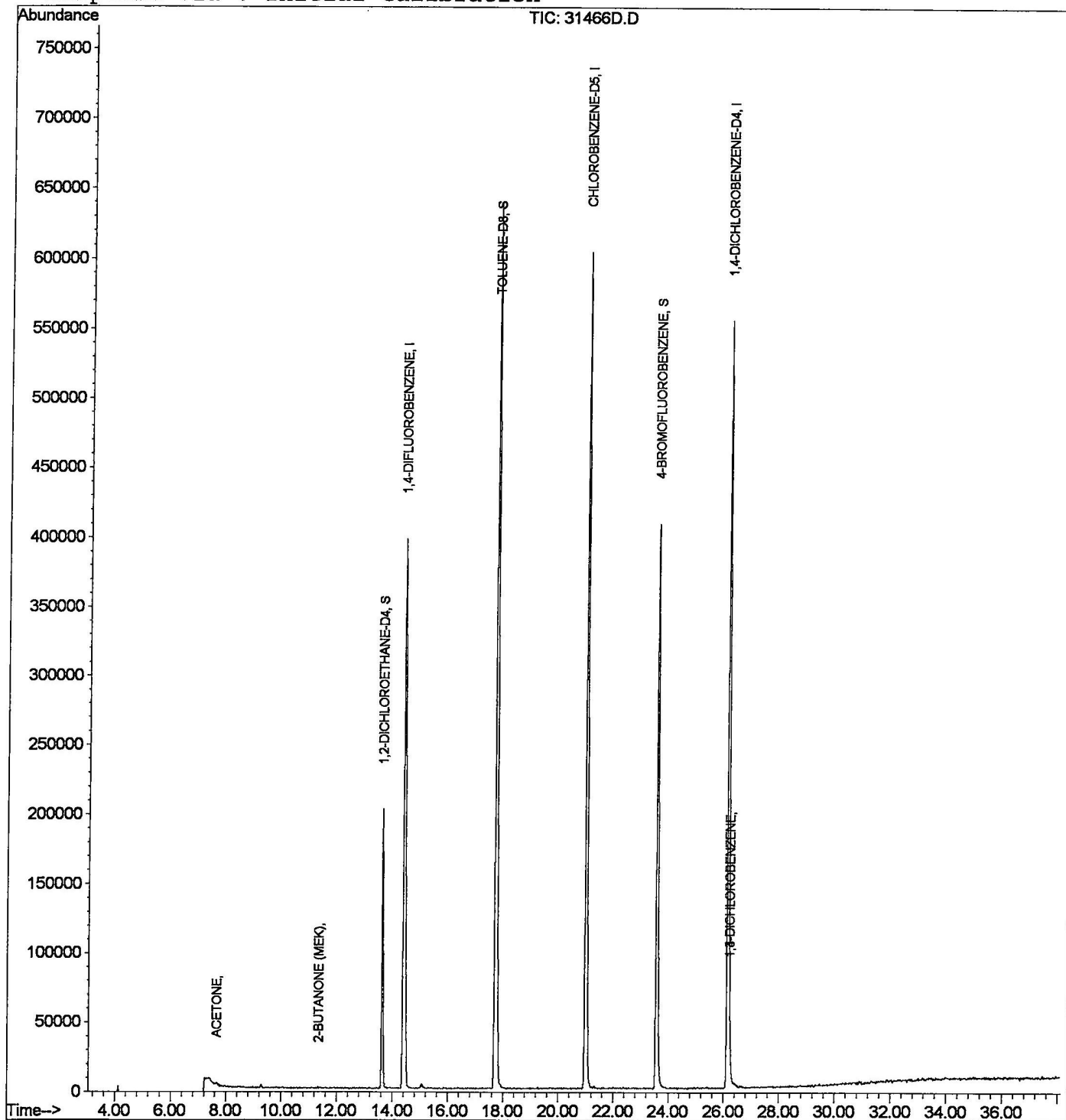
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec31\31466D.D
Acq On : 31 Dec 2001 3:29 pm
Sample : DUP.
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 31 16:08 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



Data File : C:\HPCHEM\1\DATA\01dec31\31466D.D
 Acq On : 31 Dec 2001 3:29 pm
 Sample : DUP.
 Misc :
 MS Integration Params: LSCINT.P

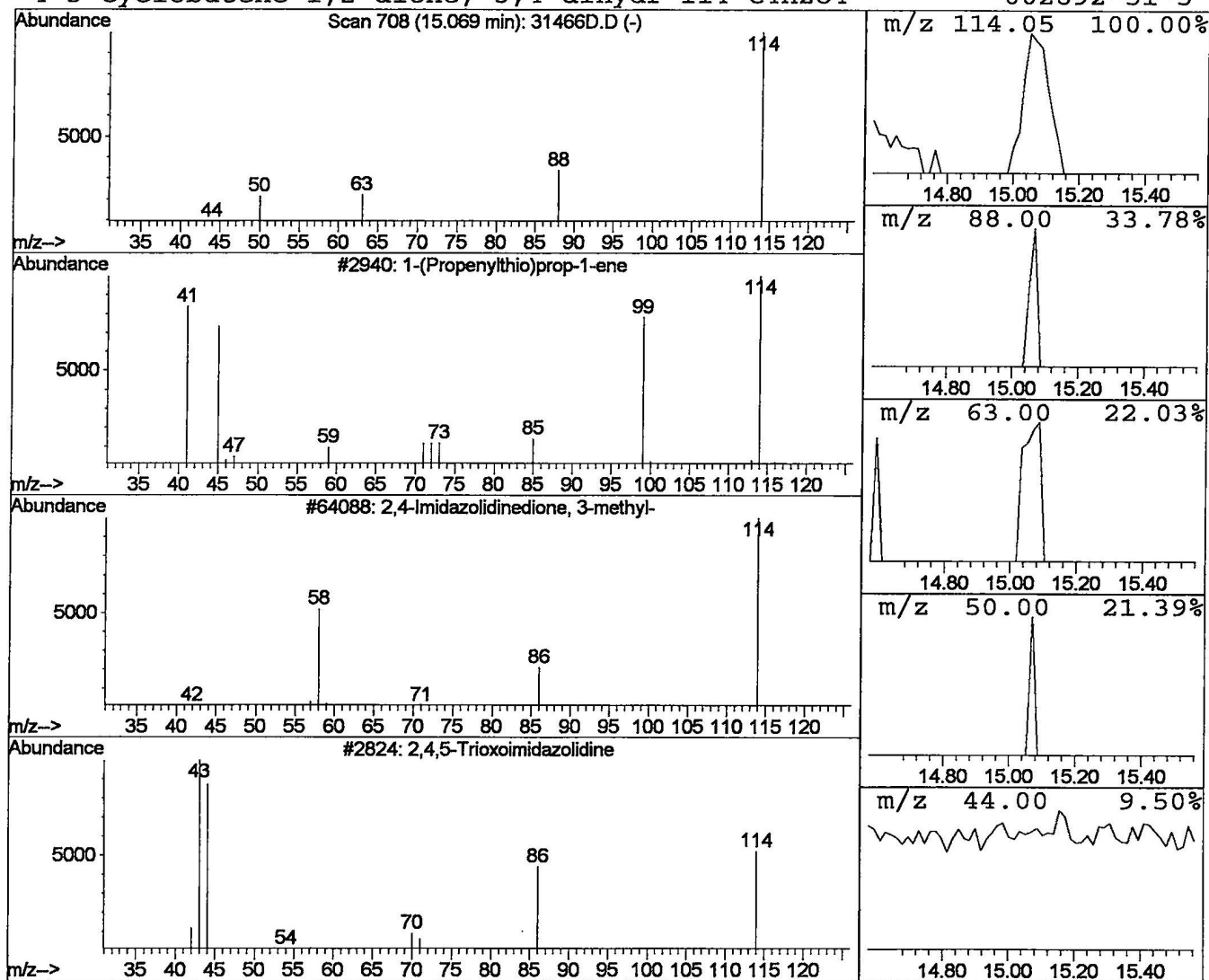
Vial: 7
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	0.03 ug/L	9956	1,4-DIFLUOROBENZENE	14.40

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		2,4,5-Trioxoimidazolidine	114	C3H2N2O3	000120-89-8	2
4		3-Cyclobutene-1,2-dione, 3,4-dihydr	114	C4H2O4	002892-51-5	2



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 11:46:42

Sample: AD31549
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/28/01 00:05 Ended: 12/28/01 00:05 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.8	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.3	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		4.9	0.5
21	1,1,1- trichloroethane		< MDL	0.5
22	1,1-dichloropropene		< MDL	0.5
23	Carbon tetrachloride		< MDL	0.5
24	Benzene		< MDL	0.5
25	Trichloroethene		< MDL	0.5
26	1,2-dichloropropane		< MDL	0.5
27	Dibromomethane		< MDL	0.5
28	*THM-Bromodichloromethan		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethan		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY AN
 DATE 1/2/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 11:46:42

Sample: AD31549
Analysis: S524 Volatile Organic Compounds
Units: ug
Started: 12/28/01 00:05 Ended: 12/28/01 00:05 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	0.5
49	1,3,5-trimethylbenzene		< MDL	0.5
50	2-chlorotoluene		< MDL	0.5
51	4-chlorotoluene		< MDL	0.5
52	TERT-butylbenzene		< MDL	0.5
53	1,2,4-trimethylbenzene		< MDL	0.5
54	SEC-butylbenzene		< MDL	0.5
55	P-isopropyltoluene		< MDL	0.5
56	1,3-dichlorobenzene		< MDL	0.5
57	1,4-dichlorobenzene		0.20*	0.5
58	N-butylbenzene		< MDL	0.5
59	1,2-dichlorobenzene		< MDL	0.5
60	1,2,4-trichlorobenzene		< MDL	0.5
61	Hexachlorobutadiene		< MDL	0.5
62	Naphthalene		< MDL	0.5
63	1,2,3-trichlorobenzene		< MDL	0.5

Comments for Sample AD31549 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 01-03-2002 Time: 11:43:32

*Estimated value;below calibration range.

Data File : C:\HPCHEM\1\DATA\01dec28\31549.D

Vial: 10

Acq On : 28 Dec 2001 5:24 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 28 18:03 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	607174	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.07	117	587299	5.00	ug/L	0.10
50) 1,4-DICHLOROBENZENE-D4	26.23	152	286448	5.00	ug/L	0.12
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.69	65	230701	5.77	ug/L	0.10
Spiked Amount	5.000		Recovery	=	115.40%	
3) 4-BROMOFLUOROBENZENE	23.64	174	198566	4.26	ug/L	0.10
Spiked Amount	5.000		Recovery	=	85.20%	
23) TOLUENE-D8	17.78	98	770033	4.95	ug/L	0.10
Spiked Amount	5.000		Recovery	=	99.00%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.42	43	1571	0.22	ug/L	Qvalue 64
63) 1,3-DICHLOROBENZENE	26.30	146	10965	0.19	ug/L	92
64) 1,4-DICHLOROBENZENE	26.30	146	11729	0.20	ug/L	94

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

31549.D HP121001.M Fri Dec 28 18:03:29 2001

Page 1

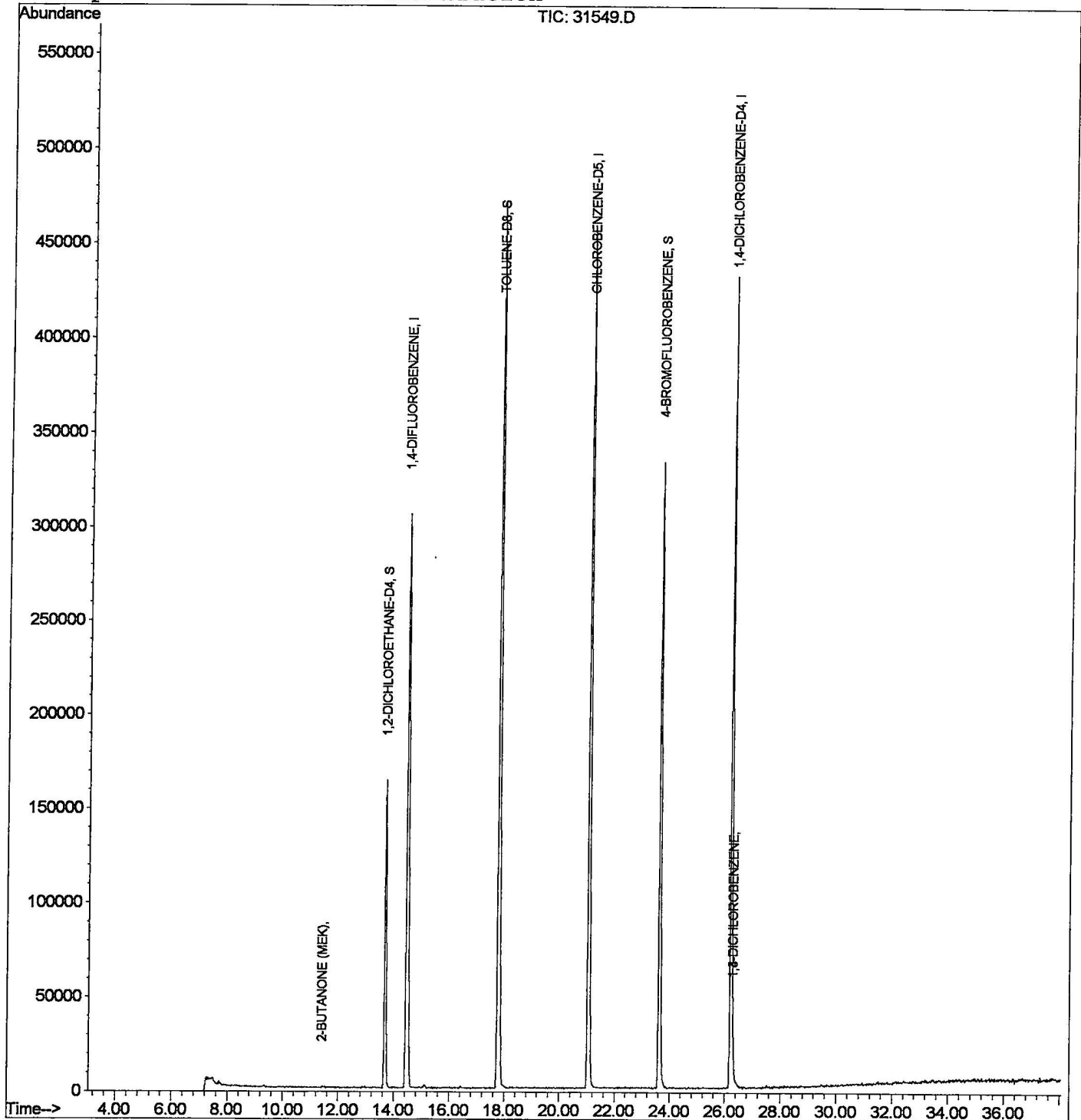
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec28\31549.D
 Acq On : 28 Dec 2001 5:24 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 18:03 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



31549.D HP121001.M

Fri Dec 28 18:03:32 2001

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec28\31549.D
 Acq On : 28 Dec 2001 5:24 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

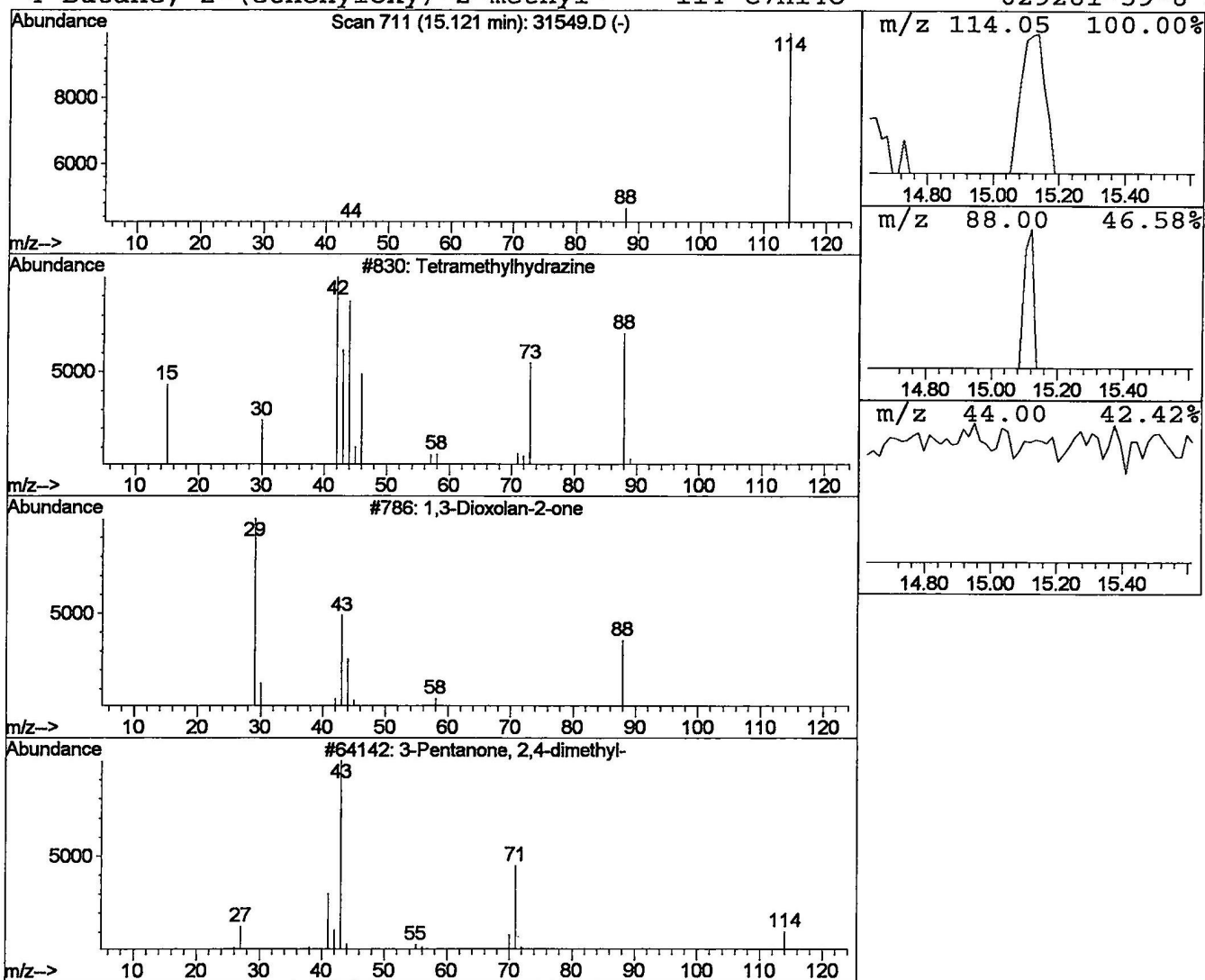
Vial: 10
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 3 Tetramethylhydrazine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	0.03 ug/L	9057	1,4-DIFLUOROBENZENE	14.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
2		1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
3		3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4		Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/31/2001 Time: 11:47:46

Sample: AD31466
 Analysis: \$C2524 Volatile Organic Compounds-Cal 2
 Units: ug
 Started: 12/28/01 00:06 Ended: 12/28/01 00:06 Analyst: BH
 Result source: m:\instruments\206\rrfiles\1228c10a.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		6.1		.5
2	Surr_4-BROMOFLUOROBENZE		6.5		.5
3	Dichlorodifluoromethane		7.5		.5
4	Chloromethane	USPEC	14		.5
5	Vinyl chloride	USPEC	19		.5
6	Bromomethane		13		.5
7	Chloroethane	USPEC	14		.5
8	Trichlorofluoromethane		12		.5
9	1,1-Dichloroethene		12		.5
10	Methylene Chloride		13		.5
11	Methyl tert-butyl ether (MTBE)		10		1.0
12	trans-1,2-dichloroethene		12		.5
13	1,1-dichloroethane		12		.5
14	2-butanone (MEK)		9.9		2.0
15	2,2-dichloropropane		12		.5
16	cis-1,2-dichloroethene		11		.5
17	Chloroform		13		.5
18	Bromochloromethane		12		.5
19	1,2-dichloroethane		12		.5
20	Surr_TOLUENE-D8		4.7		.5
21	1,1,1- trichloroethane		11		.5
22	1,1-dichloropropene		9.8		.5
23	Carbon tetrachloride		11		.5
24	Benzene		9.2		.5
25	Trichloroethene		9.3		.5
26	1,2-dichloropropane		9.2		.5
27	Dibromomethane		9.3		.5
28	Bromodichloromethane		10		.5
29	Methyl iso-butyl ketone		7.4		1.0
30	cis-1,3-dichloropropene		9.0		.5
31	Toluene		9.1		.5
32	trans-1,3-dichloropropene		9.8		.5
33	1,1,2-trichloroethane		9.6		.5
34	Tetrachloroethene		9.6		.5
35	1,3-dichloropropane		9.8		.5
36	Dibromochloromethane		9.9		2.0
37	Chlorobenzene		9.3		.5
38	1,1,1,2-tetrachloroethane		10		.5
39	Ethylbenzene		9.7		.5
40	P & M-xylene		19		.5
41	O-xylene		10		.5
42	Styrene		9.8		.5
43	1,1,2,2-tetrachloroethane		12		.5
44	Bromoform		8.3		2.0
45	Isopropylbenzene		7.3		.5
46	1,2,3-trichloropropane		7.4		.5
47	N-propylbenzene		7.6		.5
48	Bromobenzene		8.0		.5

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/31/2001 Time: 11:47:46

Sample: AD31466
Analysis: \$C2524 Volatile Organic Compounds-Cal 2
Units: ug
Started: 12/28/01 00:06 Ended: 12/28/01 00:06 Analyst: BH
Result source: m:\instruments\206\rrfiles\1228c10a.rr
Page: 2

	Component Name	Viol	Result	Qualifier	MDL
49	1,3,5-trimethylbenzene		7.4		.5
50	2-chlorotoluene		7.2		.5
51	4-chlorotoluene		8.7		.5
52	TERT-butylbenzene		8.3		.5
53	1,2,4-trimethylbenzene		7.8		.5
54	SEC-butylbenzene		8.0		.5
55	P-isopropyltoluene		8.1		.5
56	1,3-dichlorobenzene		9.0		.5
57	1,4-dichlorobenzene		8.8		.5
58	N-butylbenzene		9.1		.5
59	1,2-dichlorobenzene		9.5		.5
60	1,2,4-trichlorobenzene		10		.5
61	Hexachlobutadiene		9.5		.5
62	Naphthalene		9.9		.5
63	1,2,3-trichlorobenzene		10		.5

Data File : C:\HPCHEM\1\DATA\01DEC28\1228C10A.D

Vial: 8

Acq On : 28 Dec 2001 6:08 pm

Operator: 206-BH

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 31 9:33 2001

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

Last Update : Mon Dec 31 09:33:20 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.46	114	541336	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	646936	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	505202	5.00	ug/L	0.10

System Monitoring Compounds

2) 1,2-DICHLOROETHANE-D4	13.67	65	217962	6.11	ug/L	0.09
Spiked Amount	5.000		Recovery	=	122.20%	
3) 4-BROMOFLUOROBENZENE	23.64	174	269765	6.49	ug/L	0.10
Spiked Amount	5.000		Recovery	=	129.80%	
23) TOLUENE-D8	17.78	98	805364	4.70	ug/L	0.10
Spiked Amount	5.000		Recovery	=	94.00%	

Target Compounds

					Qvalue
4) DICHLORODIFLUOROMETHANE	4.50	85	133147	7.54 ug/L	98
5) CHLOROMETHANE	5.02	50	152619	13.89 ug/L	99
6) VINYL CHLORIDE	5.17	62	203471	18.63 ug/L	95
7) BROMOMETHANE	6.09	94	123503	12.93 ug/L	96
8) CHLOROETHANE	6.23	64	101826	13.60 ug/L	96
9) TRICHLOROFLUOROMETHANE	6.77	101	286782	12.09 ug/L	98
10) ACETONE	7.70	43	41423	11.41 ug/L	97
11) 1,1-DICHLOROETHENE	8.04	61	379604	12.34 ug/L	94
12) METHYLENE CHLORIDE	9.02	49	383538	12.86 ug/L	92
13) METHYL TERT BUTYL ETHER	9.31	73	411531	10.46 ug/L	99
14) TRANS-1,2-DICHLOROETHENE	9.67	61	388176	11.63 ug/L	92
15) 1,1-DICHLOROETHANE	10.55	63	499868	12.01 ug/L	99
16) 2-BUTANONE (MEK)	11.37	43	63762	9.94 ug/L	96
17) 2,2-DICHLOROPROPANE	11.75	77	400713	11.68 ug/L	99
18) CIS-1,2-DICHLOROETHENE	11.83	96	259553	11.13 ug/L	90
19) CHLOROFORM	12.17	83	500670	12.61 ug/L	98
20) BROMOCHLOROMETHANE	12.55	49	233237	12.38 ug/L	90
21) 1,2-DICHLOROETHANE	13.88	62	329872	12.34 ug/L	100
24) 1,1,1-TRICHLOROETHANE	13.06	97	419204	10.55 ug/L	98
25) 1,1-DICHLOROPROPENE	13.38	75	384058	9.79 ug/L	98
26) CARBON TETRACHLORIDE	13.62	117	382370	11.31 ug/L	99
27) BENZENE	13.98	78	1045843	9.18 ug/L	98
28) TRICHLOROETHENE	15.24	95	285498	9.35 ug/L	99
29) 1,2-DICHLOROPROPANE	15.60	63	291676	9.19 ug/L	99
30) DIBROMOMETHANE	16.25	174	104603	9.26 ug/L	96
31) BROMODICHLOROMETHANE	16.11	83	381511	10.43 ug/L	98
32) 2-CHLOROETHYL VINYL ETHER	16.60	63	88760	7.53 ug/L	97
33) Methyl iso-butyl ketone	16.67	58	44983	7.42 ug/L	95

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

1228C10A.D HP121001.M

Mon Dec 31 09:34:11 2001

Page 1

Data File : C:\HPCHEM\1\DATA\01DEC28\1228C10A.D
 Acq On : 28 Dec 2001 6:08 pm
 Sample : cal 10
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 31 9:33 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 : Mon Dec 31 09:33:20 2001
 Response via : Initial Calibration
 DataAcq Meth : HP121001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34) CIS-1,3-DICHLOROPROPENE	17.20	75	414355	9.05	ug/L	97
35) TOLUENE	17.95	91	1172210	9.11	ug/L	99
36) TRANS-1,3-DICHLOROPROPENE	18.22	75	350431	9.85	ug/L	98
37) 1,1,2-TRICHLOROETHANE	18.61	97	168338	9.55	ug/L	100
38) TETRACHLOROETHENE	19.38	166	291131	9.60	ug/L	96
39) 1,3-DICHLOROPROPANE	19.12	76	332209	9.76	ug/L	99
40) DIBROMOCHLOROMETHANE	19.81	129	212747	9.93	ug/L	96
41) 1,2-DIBROMOETHANE	20.27	107	146977	8.76	ug/L	100
42) CHLOROBENZENE	21.13	112	793724	9.28	ug/L	99
43) 1,1,1,2-TETRACHLOROETHANE	21.19	131	281984	10.11	ug/L	97
44) 2-HEXANONE	18.51	43	93568	9.24	ug/L	98
45) ETHYLBENZENE	21.19	91	1538045	9.71	ug/L	99
46) P & M-XYLENE	21.36	106	1139105	19.14	ug/L	97
47) O-XYLENE	22.31	91	1301084	10.30	ug/L	99
48) STYRENE	22.38	104	966200	9.84	ug/L	97
49) 1,1,2,2-TETRACHLOROETHANE	23.38	83	228394	12.12	ug/L	97
51) BROMOFORM	23.21	173	127029	8.32	ug/L	99
52) ISOPROPYLBENZENE	23.04	105	1604320	7.27	ug/L	96
53) 1,2,3-TRICHLOROPROPANE	23.71	110	59827	7.44	ug/L	97
54) N-PROPYLBENZENE	23.89	91	2180745	7.62	ug/L	99
55) BROMOBENZENE	24.13	156	377065	8.02	ug/L	87
56) 1,3,5-TRIMETHYLBENZENE	24.22	105	1417590	7.44	ug/L	98
57) 2-CHLOROTOLUENE	24.37	91	1300400	7.17	ug/L	94
58) 4-CHLOROTOLUENE	24.46	91	1409272	8.67	ug/L	96
59) TERT-BUTYLBENZENE	25.00	134	336176	8.26	ug/L	97
60) 1,2,4-TRIMETHYLBENZENE	25.10	105	1542955	7.80	ug/L	98
61) SEC-BUTYLBENZENE	25.46	105	2134260	8.04	ug/L	98
62) P-ISOPROPYLTOLUENE	25.72	119	1733134	8.13	ug/L	99
63) 1,3-DICHLOROBENZENE	26.08	146	915173	9.01	ug/L	97
64) 1,4-DICHLOROBENZENE	26.28	146	898047	8.84	ug/L	98
65) N-BUTYLBENZENE	26.60	91	1858118	9.11	ug/L	99
66) 1,2-DICHLOROBENZENE	27.13	146	796624	9.50	ug/L	97
67) 1,2-DIBROMO-3-CHLOROPROPAN	28.77	157	41076	9.58	ug/L	99
68) NITROBENZENE	28.97	77	334293	189.21	ug/L	96
69) 1,2,4-TRICHLOROBENZENE	30.71	180	469357	10.10	ug/L	100
70) HEXACHLOROBUTADIENE	30.97	225	269038	9.53	ug/L	97
71) NAPHTHALENE	31.39	128	508078	9.92	ug/L	98
72) 1,2,3-TRICHLOROBENZENE	31.94	180	350794	10.28	ug/L	97

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

1228C10A.D HP121001.M

Mon Dec 31 09:34:13 2001

Page 2

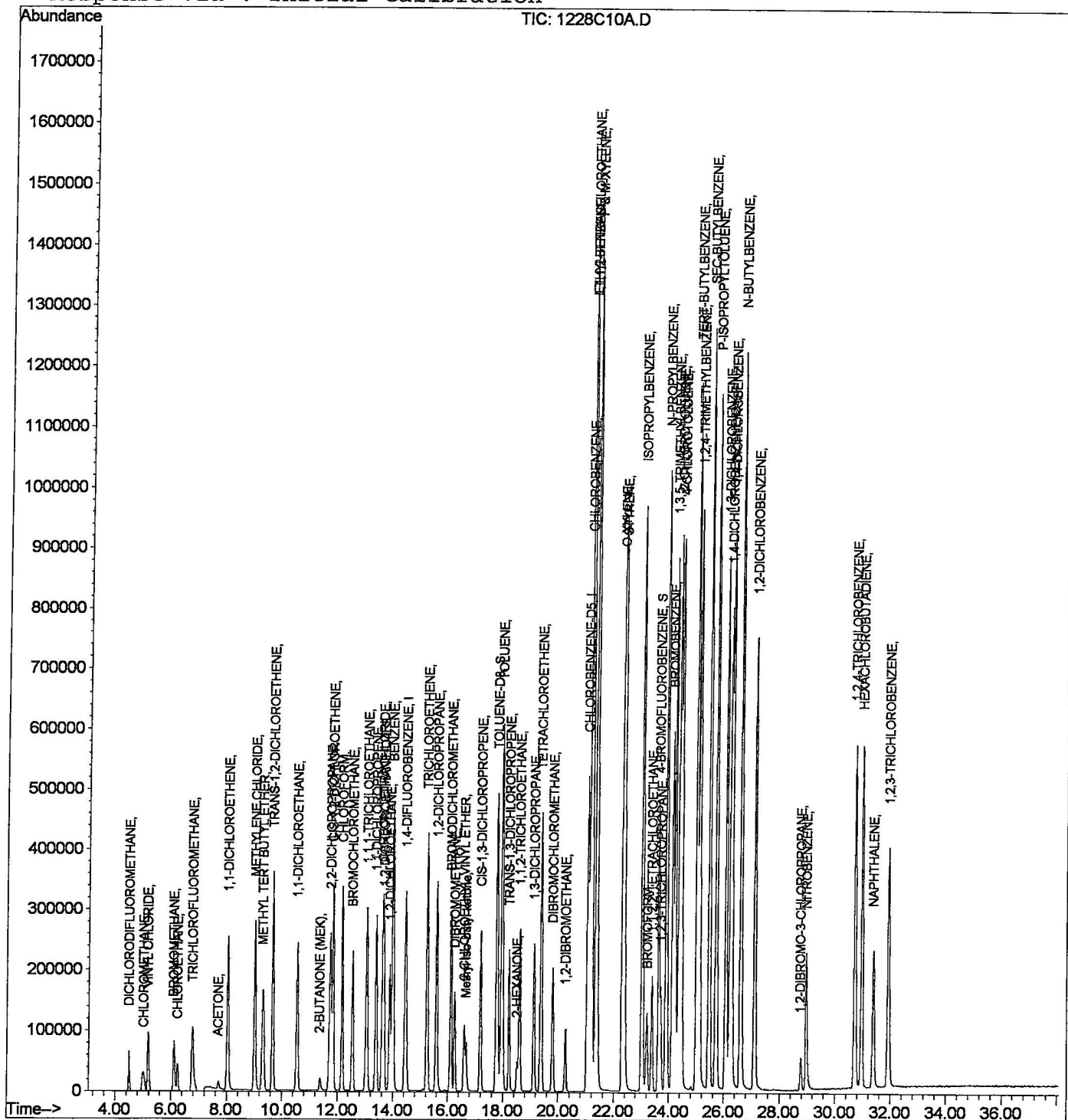
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC28\1228C10A.D
Acq On : 28 Dec 2001 6:08 pm
Sample : cal 10
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 31 9:33 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 : Mon Dec 31 09:33:20 2001
Response via : Initial Calibration



1228C10A.D HP121001.M

Mon Dec 31 09:34:20 2001

Page 3

User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/31/2001 Time: 11:55:41

Sample: AD31550
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/28/01 00:07 Ended: 12/28/01 00:07 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31450.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.9		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		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		4.9		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: 12/31/2001 Time: 11:55:41

Sample: AD31550
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/28/01 00:07 Ended: 12/28/01 00:07 Analyst: BH
Result source: m:\instruments\206\rrfiles\31450.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\01DEC28\31550.D
 Acq On : 28 Dec 2001 7:35 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 20:14 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	621230	5.00	ug/L	0.09
22) CHLOROBENZENE-D5	21.05	117	600229	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	294553	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	240375	5.87	ug/L	0.09
Spiked Amount 5.000			Recovery	=	117.40%	
3) 4-BROMOFLUOROBENZENE	23.64	174	202793	4.25	ug/L	0.10
Spiked Amount 5.000			Recovery	=	85.00%	
23) TOLUENE-D8	17.76	98	785740	4.94	ug/L	0.09
Spiked Amount 5.000			Recovery	=	98.80%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.42	43	1450	0.20	ug/L	Qvalue 64

 (#) = qualifier out of range (m) = manual integration
 31550.D HP121001.M Mon Dec 31 11:26:46 2001

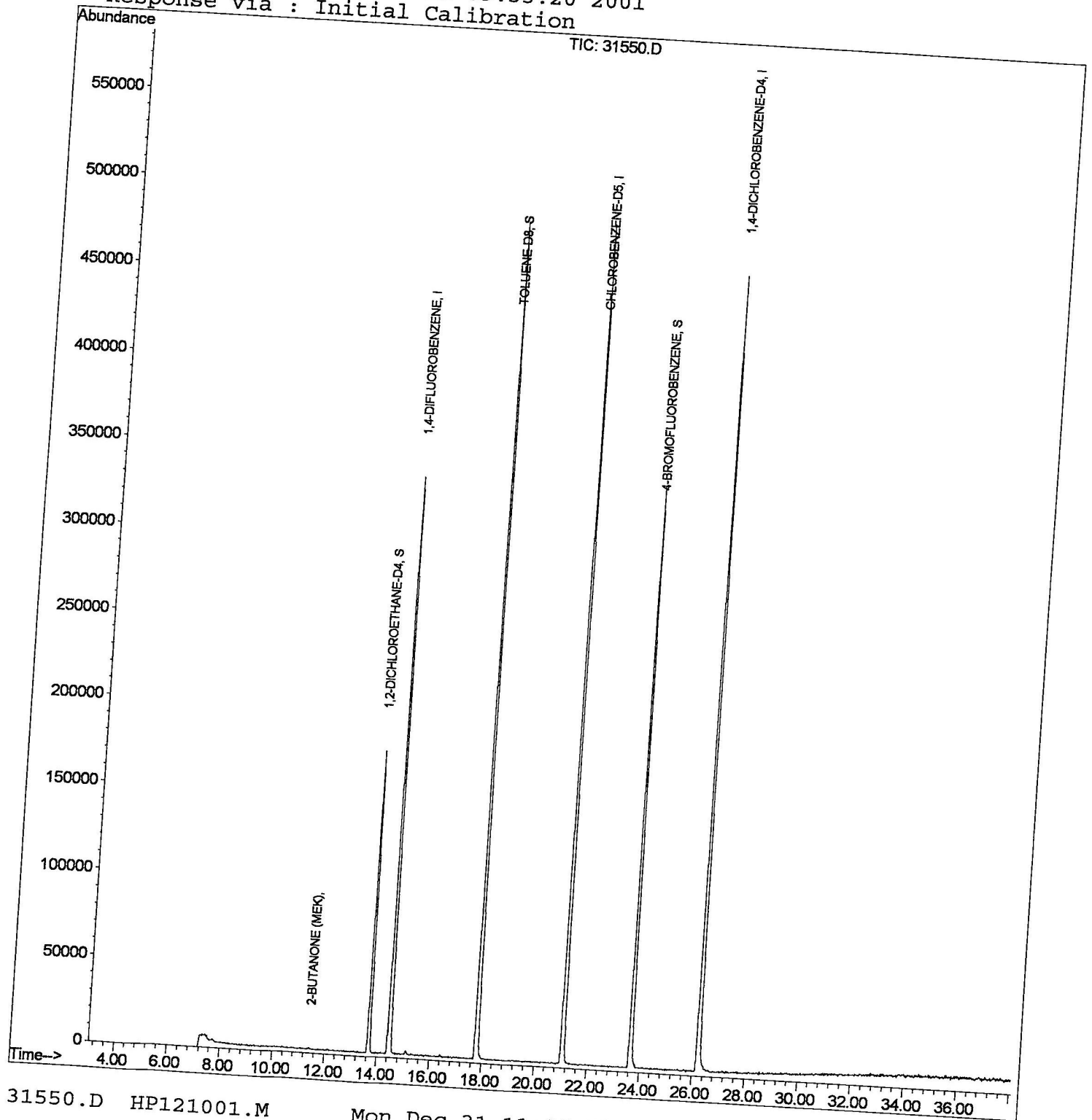
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC28\31550.D
 Acq On : 28 Dec 2001 7:35 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 20:14 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 : Mon Dec 31 09:33:20 2001
 Response via : Initial Calibration



31550.D HP121001.M

Mon Dec 31 11:26:52 2001

Data File : C:\HPCHEM\1\DATA\01DEC28\31550.D
 Acq On : 28 Dec 2001 7:35 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

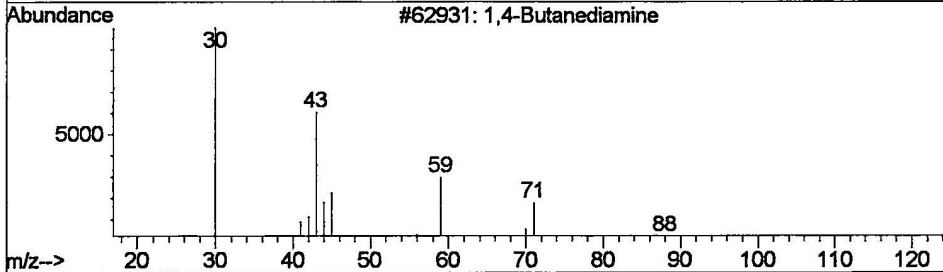
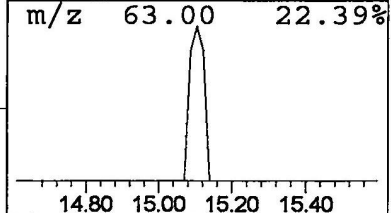
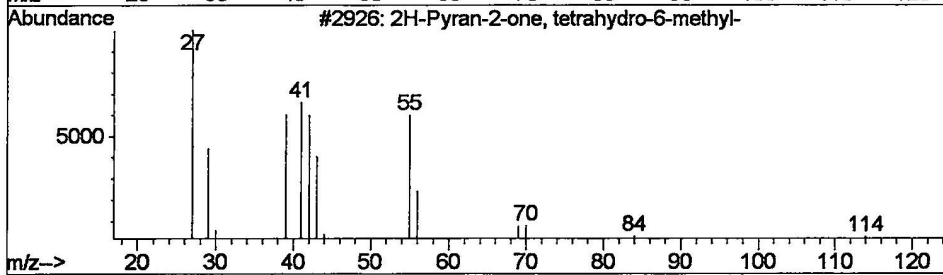
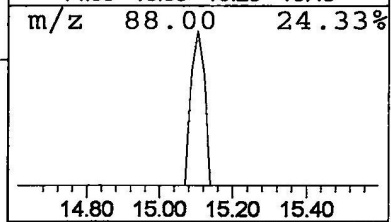
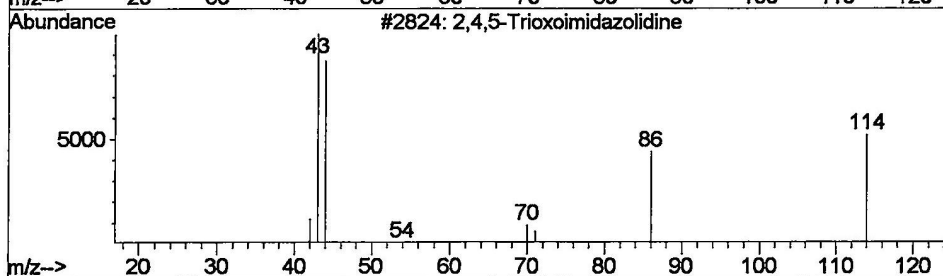
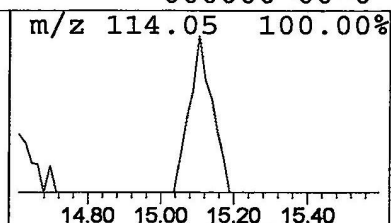
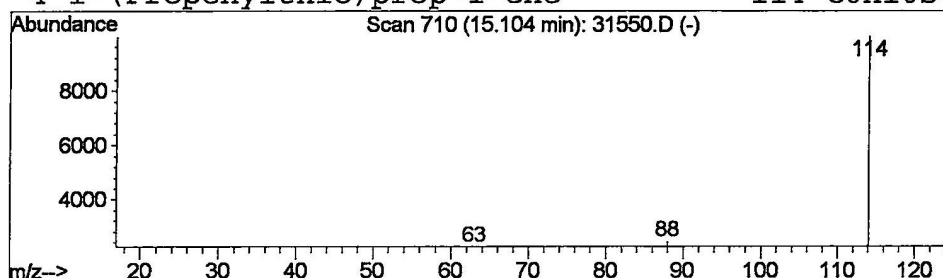
Vial: 6
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
15.10	0.03 ug/L	8352	1,4-DIFLUOROBENZENE	14.44

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



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/31/2001 Time: 11:57:07

Sample: AD31551
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/28/01 00:08 Ended: 12/28/01 00:08 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31451.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 AV
 DATE 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/31/2001 Time: 11:57:07

Sample: AD31551
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/28/01 00:08 Ended: 12/28/01 00:08 Analyst: BH
Result source: m:\instruments\206\rrfiles\31451.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

Data File : C:\HPCHEM\1\DATA\01DEC28\31551.D

Vial: 7

Acq On : 28 Dec 2001 8:19 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 28 20:57 2001

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

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

Response via : Initial Calibration

DataAcq Meth : HP121001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-DIFLUOROBENZENE	14.44	114	620397	5.00	ug/L	0.09
22) CHLOROBENZENE-D5	21.05	117	576426	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	284319	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	232305	5.68	ug/L	0.09
Spiked Amount	5.000		Recovery	=	113.60%	
3) 4-BROMOFLUOROBENZENE	23.64	174	199568	4.19	ug/L	0.10
Spiked Amount	5.000		Recovery	=	83.80%	
23) TOLUENE-D8	17.78	98	757748	4.96	ug/L	0.10
Spiked Amount	5.000		Recovery	=	99.20%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.41	43	1703	0.23	ug/L	Qvalue 64

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

31551.D HP121001.M Mon Dec 31 11:31:14 2001

Page 1

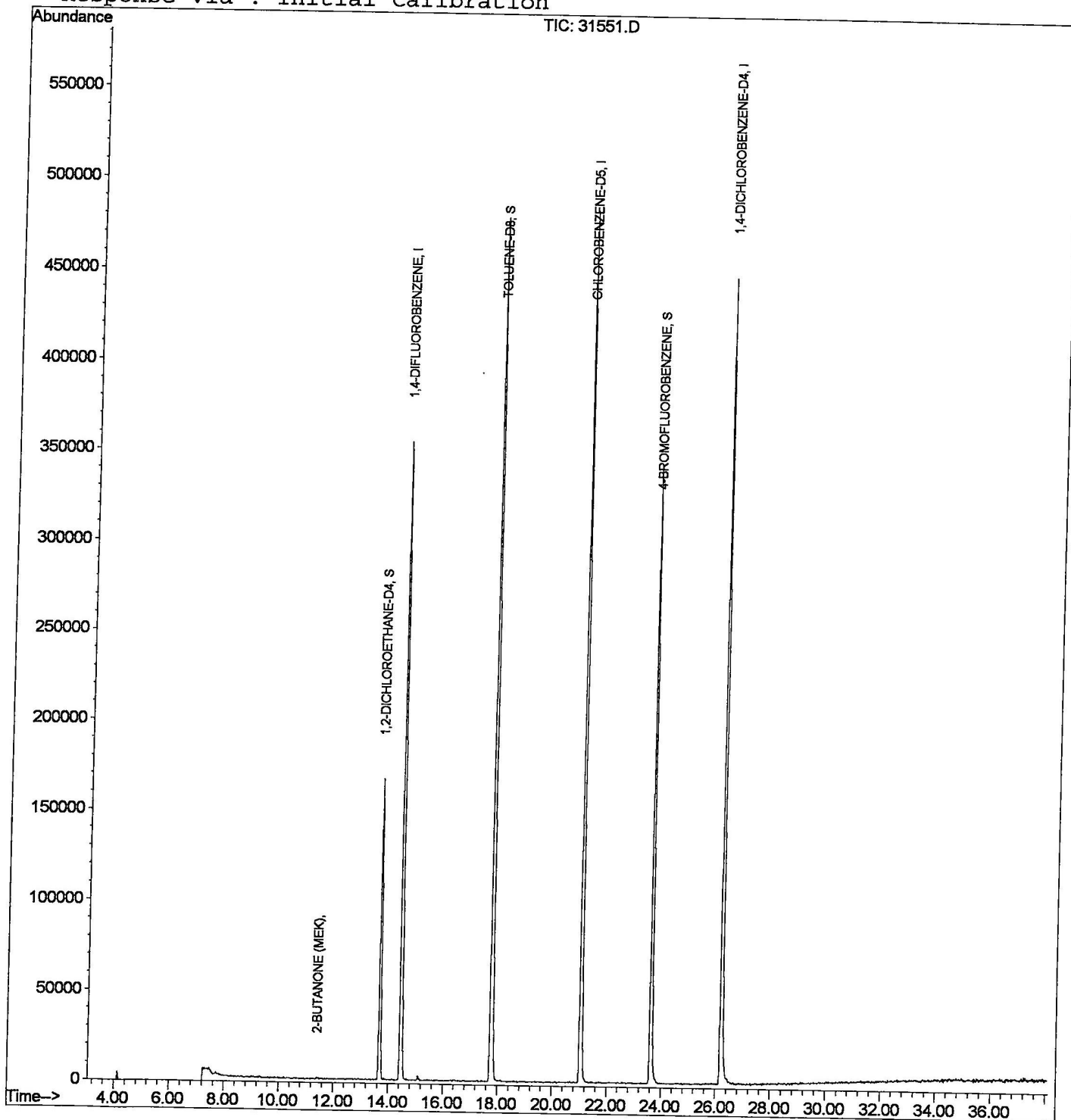
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC28\31551.D
Acq On : 28 Dec 2001 8:19 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 28 20:57 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 : Mon Dec 31 09:33:20 2001
Response via : Initial Calibration



31551.D HP121001.M Mon Dec 31 11:31:18 2001

Page 2

Data File : C:\HPCHEM\1\DATA\01DEC28\31551.D

Acq On : 28 Dec 2001 8:19 pm

Sample : 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)

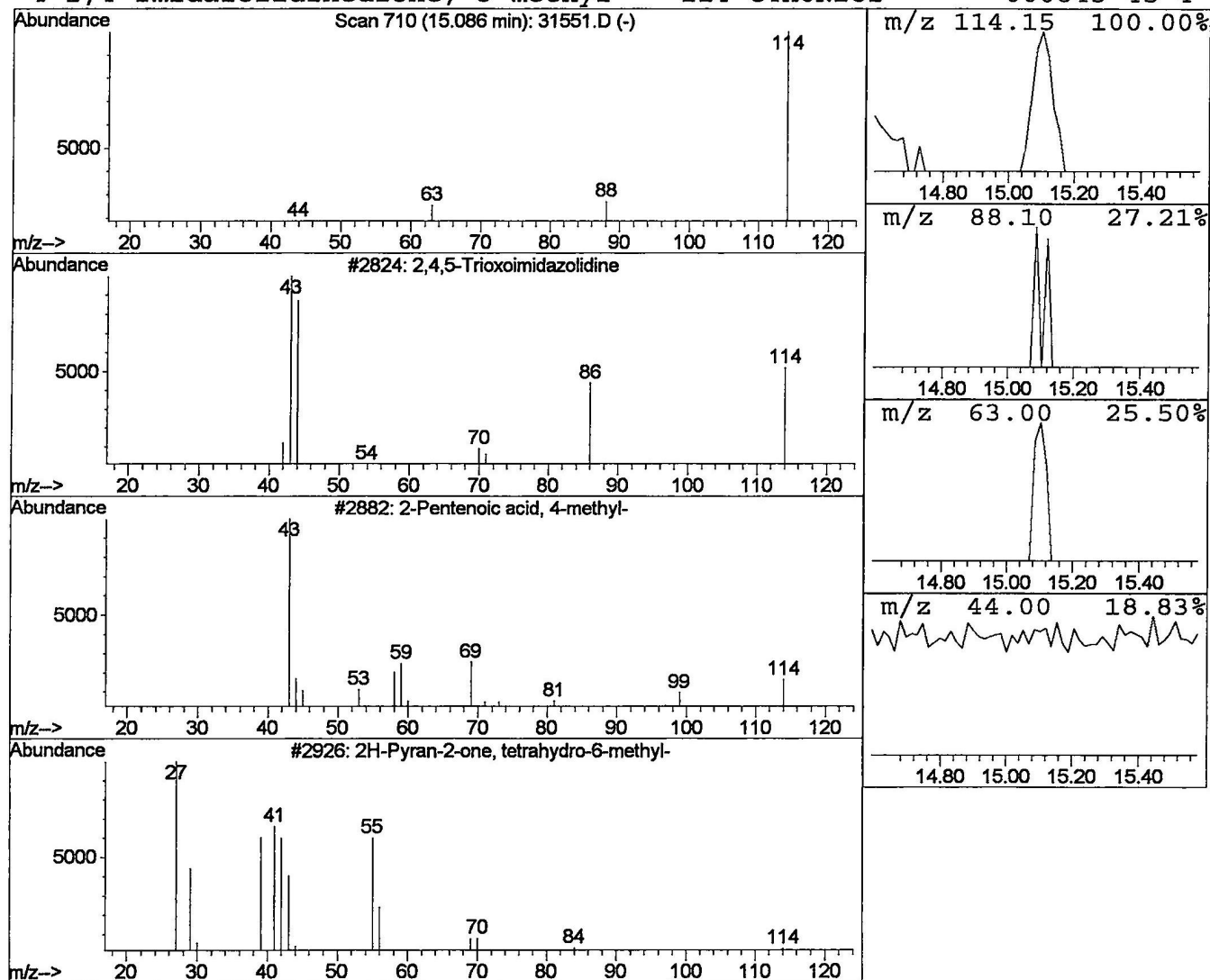
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.04 ug/L	10929	1,4-DIFLUOROBENZENE	14.44

Hit#	of	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			2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/31/2001 Time: 11:58:39

Sample: AD31631
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/28/01 00:09 Ended: 12/28/01 00:09 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31631.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		5.7		0.5
2	Surr - 4-BROMOFLUOROBENZ		4.3		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		4.9		0.5
21	1,1,1- trichloroethane		< MDL		0.5
22	1,1-dichloropropene		< MDL		0.5
23	Carbon tetrachloride		< MDL		0.5
24	Benzene		< MDL		0.5
25	Trichloroethene		< MDL		0.5
26	1,2-dichloropropane		< MDL		0.5
27	Dibromomethane		< MDL		0.5
28	*THM-Bromodichloromethane		< MDL		0.5
29	Methyl iso-butyl ketone (MIBK)		< MDL		1.0
30	cis-1,3-dichloropropene		< MDL		0.5
31	Toluene		< MDL		0.5
32	trans-1,3-dichloropropene		< MDL		0.5
33	1,1,2-trichloroethane		< MDL		0.5
34	Tetrachloroethene		< MDL		0.5
35	1,3-dichloropropane		< MDL		0.5
36	*THM-Dibromochloromethane		< MDL		2.0
37	Chlorobenzene		< MDL		0.5
38	1,1,1,2-tetrachloroethane		< MDL		0.5
39	Ethylbenzene		< MDL		0.5
40	P & M-xylene		< MDL		0.5
41	O-xylene		< MDL		0.5
42	Styrene		< MDL		0.5
43	1,1,2,2-tetrachloroethane		< MDL		0.5
44	*THM-Bromoform		< MDL		2.0
45	Isopropylbenzene		< MDL		0.5
46	1,2,3-trichloropropane		< MDL		0.5
47	N-propylbenzene		< MDL		0.5
48	Bromobenzene		< MDL		0.5

REVIEWED BY AV
 DATE 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/31/2001 Time: 11:58:39

Sample: AD31631

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/28/01 00:09 Ended: 12/28/01 00:09 Analyst: BH

Result source: m:\instruments\206\rrfiles\31631.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

Data File : C:\HPCHEM\1\DATA\01dec28\31631.D

Vial: 8

Acq On : 28 Dec 2001 9:02 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 28 21:41 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	594577	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	580929	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	281000	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	225075	5.75	ug/L	0.09
Spiked Amount	5.000		Recovery	=	115.00%	
3) 4-BROMOFLUOROBENZENE	23.64	174	195203	4.28	ug/L	0.10
Spiked Amount	5.000		Recovery	=	85.60%	
23) TOLUENE-D8	17.78	98	761643	4.94	ug/L	0.10
Spiked Amount	5.000		Recovery	=	98.80%	
Target Compounds						
16) 2-BUTANONE (MEK)	11.41	43	1294	0.18	ug/L	Qvalue 64

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

31631.D HP121001.M Fri Dec 28 21:41:25 2001

Page 1

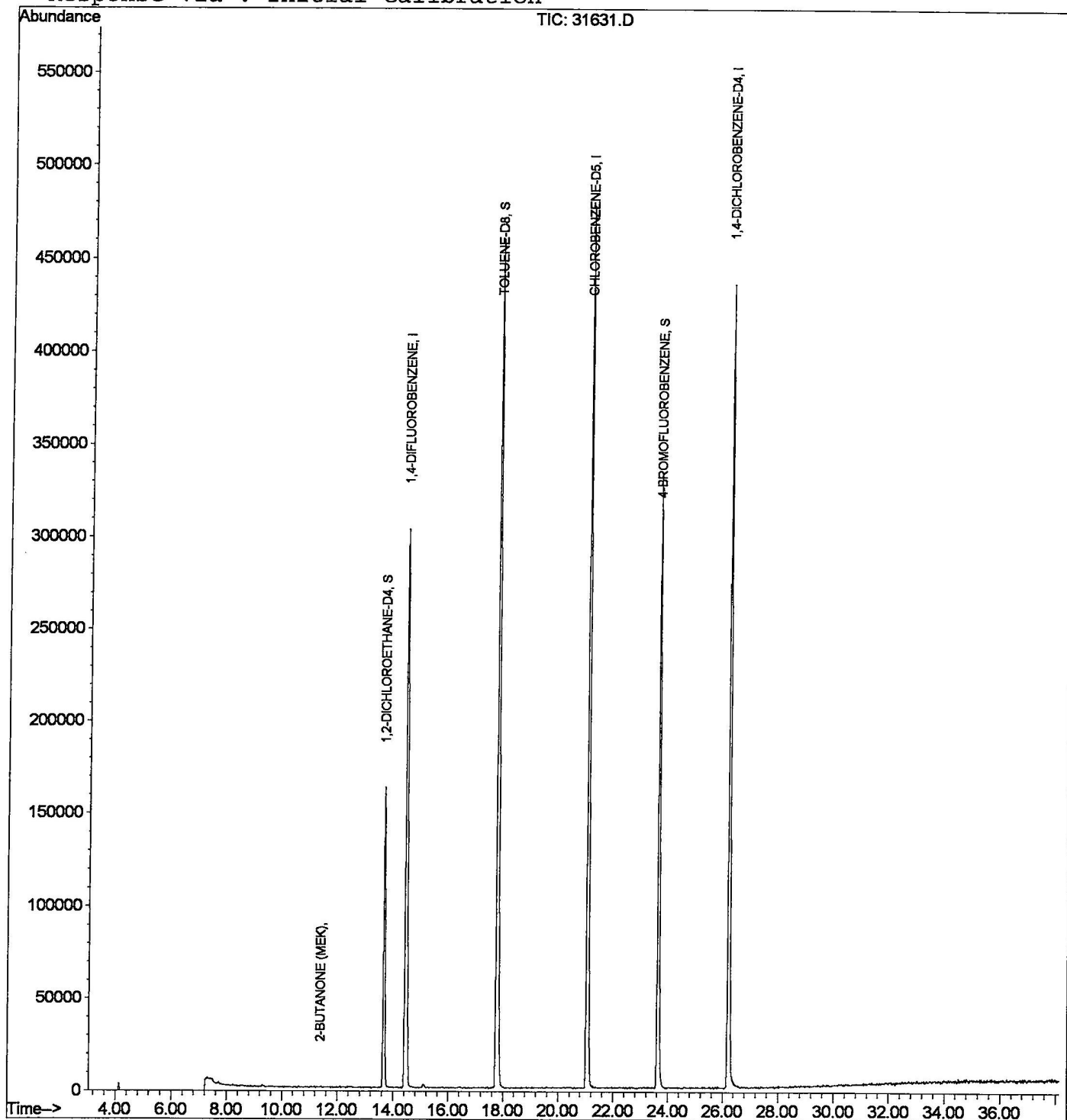
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec28\31631.D
Acq On : 28 Dec 2001 9:02 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 28 21:41 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



31631.D HP121001.M

Fri Dec 28 21:41:28 2001

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec28\31631.D

Acq On : 28 Dec 2001 9:02 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Vial: 8

Operator: 206-BH

Inst : GC/MS Ins

Multiplr: 1.00

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

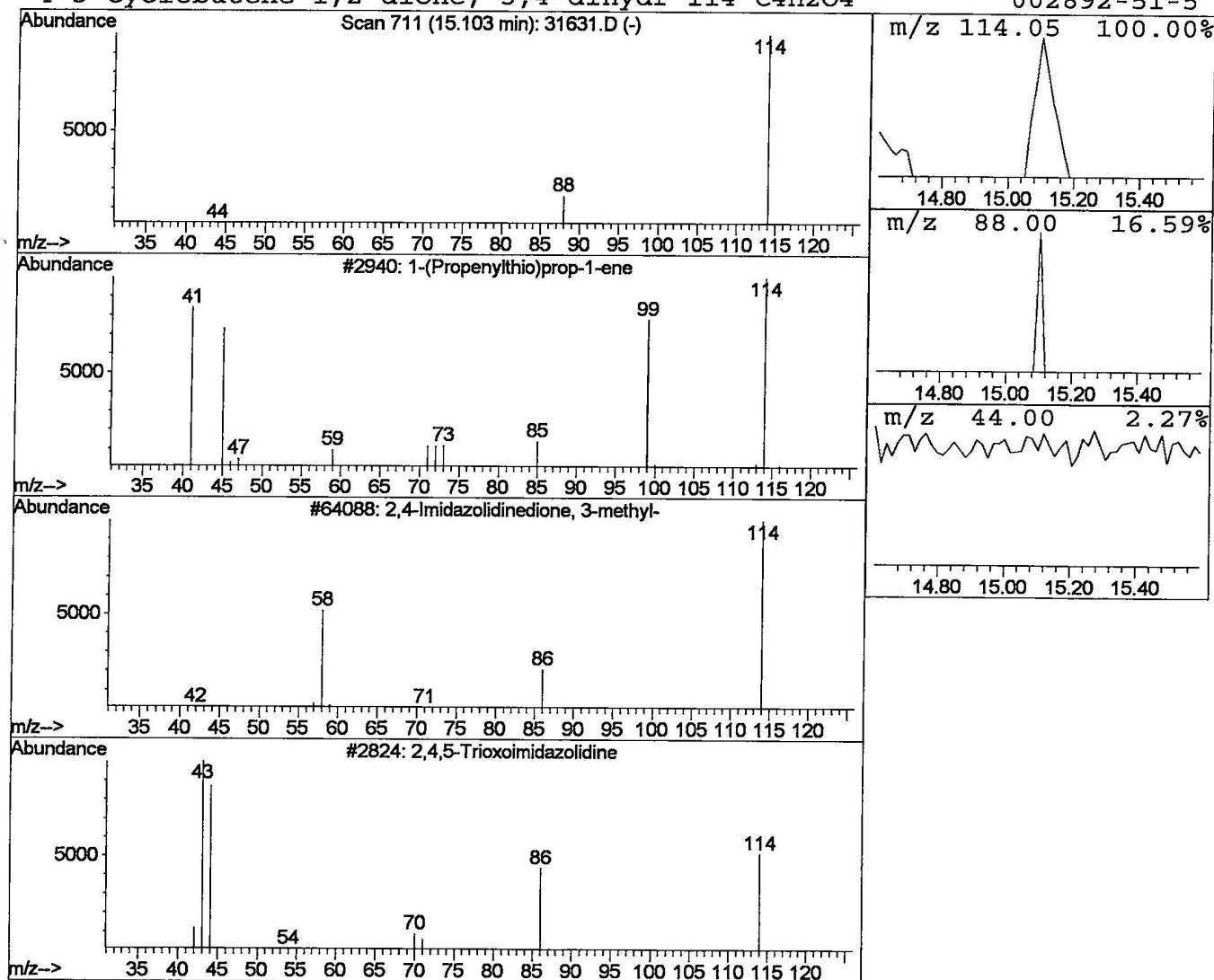
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.04 ug/L	10889	1,4-DIFLUOROBENZENE	14.46

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



User: Vannelli, Sandy
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 11:46:47

Sample: AD31632
 Analysis: \$524 Volatile Organic Compounds
 Units: ug
 Started: 12/28/01 00:09 Ended: 12/28/01 00:09 Analyst: BH
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	MDL
1	Surr - 1,2-DICHLOROETHANE-D		5.9	0.5
2	Surr - 4-BROMOFLUOROBENZE		4.3	0.5
3	Dichlorodifluoromethane		< MDL	0.5
4	Chloromethane		< MDL	0.5
5	Vinyl chloride		< MDL	0.5
6	Bromomethane		< MDL	0.5
7	Chloroethane		< MDL	0.5
8	Trichlorofluoromethane		< MDL	0.5
9	1,1-Dichloroethene		< MDL	0.5
10	Methylene Chloride		< MDL	0.5
11	Methyl tert-butyl ether (MTB		< MDL	1.0
12	trans-1,2-dichloroethene		< MDL	0.5
13	1,1-dichloroethane		< MDL	0.5
14	2-butanone (MEK)		< MDL	2.0
15	2,2-dichloropropane		< MDL	0.5
16	cis-1,2-dichloroethene		< MDL	0.5
17	*THM-Chloroform		< MDL	0.5
18	Bromochloromethane		< MDL	0.5
19	1,2-dichloroethane		< MDL	0.5
20	Surr - TOLUENE-D8		5.1	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-Bromodichloromethan		< MDL	0.5
29	Methyl iso-butyl ketone (MIB		< MDL	1.0
30	cis-1,3-dichloropropene		< MDL	0.5
31	Toluene		< MDL	0.5
32	trans-1,3-dichloropropene		< MDL	0.5
33	1,1,2-trichloroethane		< MDL	0.5
34	Tetrachloroethene		< MDL	0.5
35	1,3-dichloropropane		< MDL	0.5
36	*THM-Dibromochloromethan		< MDL	2.0
37	Chlorobenzene		< MDL	0.5
38	1,1,1,2-tetrachloroethane		< MDL	0.5
39	Ethylbenzene		< MDL	0.5
40	P & M-xylene		< MDL	0.5
41	O-xylene		< MDL	0.5
42	Styrene		< MDL	0.5
43	1,1,2,2-tetrachloroethane		< MDL	0.5
44	*THM-Bromoform		< MDL	2.0
45	Isopropylbenzene		< MDL	0.5
46	1,2,3-trichloropropane		< MDL	0.5
47	N-propylbenzene		< MDL	0.5

REVIEWED BY SV
 DATE 1/2/02

User: Vannelli, Sandy
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 11:46:47

Sample: AD31632
Analysis: \$524 Volatile Organic Compounds
Units: ug
Started: 12/28/01 00:09 Ended: 12/28/01 00:09 Analyst: BH
Result source: manual entry
Page: 2

	Component Name	Viol	Result	MDL
48	Bromobenzene		< MDL	0.5
49	1,3,5-trimethylbenzene		< MDL	0.5
50	2-chlorotoluene		< MDL	0.5
51	4-chlorotoluene		< MDL	0.5
52	TERT-butylbenzene		< MDL	0.5
53	1,2,4-trimethylbenzene		< MDL	0.5
54	SEC-butylbenzene		< MDL	0.5
55	P-Isopropyltoluene		< MDL	0.5
56	1,3-dichlorobenzene		< MDL	0.5
57	1,4-dichlorobenzene		0.22*	0.5
58	N-butylbenzene		< MDL	0.5
59	1,2-dichlorobenzene		< MDL	0.5
60	1,2,4-trichlorobenzene		< MDL	0.5
61	Hexachlorobutadiene		< MDL	0.5
62	Naphthalene		< MDL	0.5
63	1,2,3-trichlorobenzene		< MDL	0.5

Comments for Sample AD31632 - Analysis \$524

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 01-03-2002 Time: 11:44:25

*Estimated value;below calibration range.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec28\31632.D
 Acq On : 28 Dec 2001 9:46 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 22:26 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	14.45	114	578382	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	545812	5.00	ug/L	0.08
50) 1,4-DICHLOROBENZENE-D4	26.21	152	271797	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	223441	5.87	ug/L	0.09
Spiked Amount 5.000			Recovery	=	117.40%	
3) 4-BROMOFLUOROBENZENE	23.62	174	189976	4.28	ug/L	0.08
Spiked Amount 5.000			Recovery	=	85.60%	
23) TOLUENE-D8	17.78	98	745178	5.15	ug/L	0.10
Spiked Amount 5.000			Recovery	=	103.00%	
Target Compounds						Qvalue
16) 2-BUTANONE (MEK)	11.42	43	1221	0.18	ug/L	64
63) 1,3-DICHLOROBENZENE 2	26.28	146	10827	0.20	ug/L	86
64) 1,4-DICHLOROBENZENE 2	26.28	146	11904	0.22	ug/L	84

 (#) = qualifier out of range (m) = manual integration
 31632.D HP121001.M Fri Dec 28 22:27:24 2001

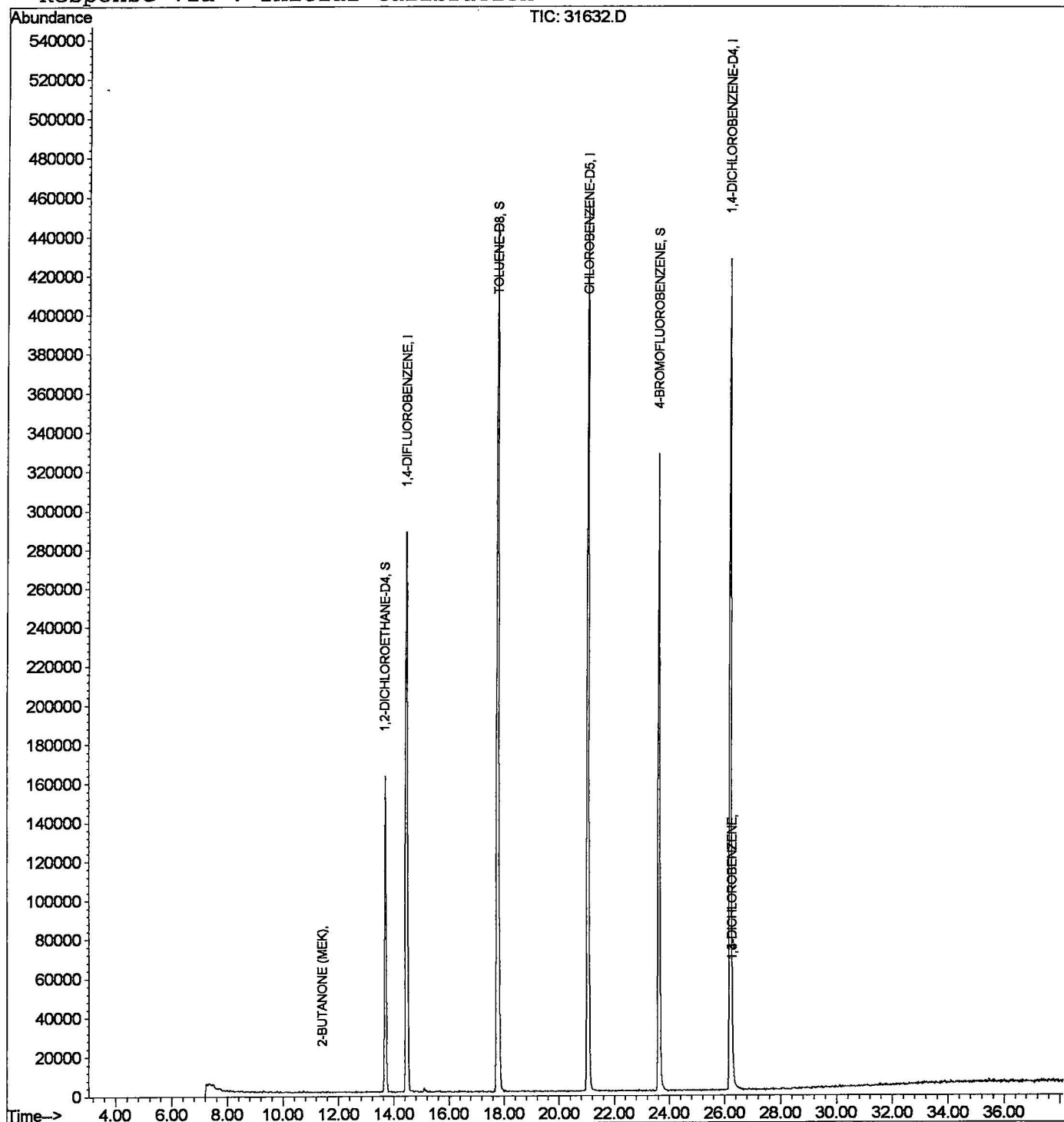
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec28\31632.D
 Acq On : 28 Dec 2001 9:46 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 22:26 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\01dec28\31632.D
 Acq On : 28 Dec 2001 9:46 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

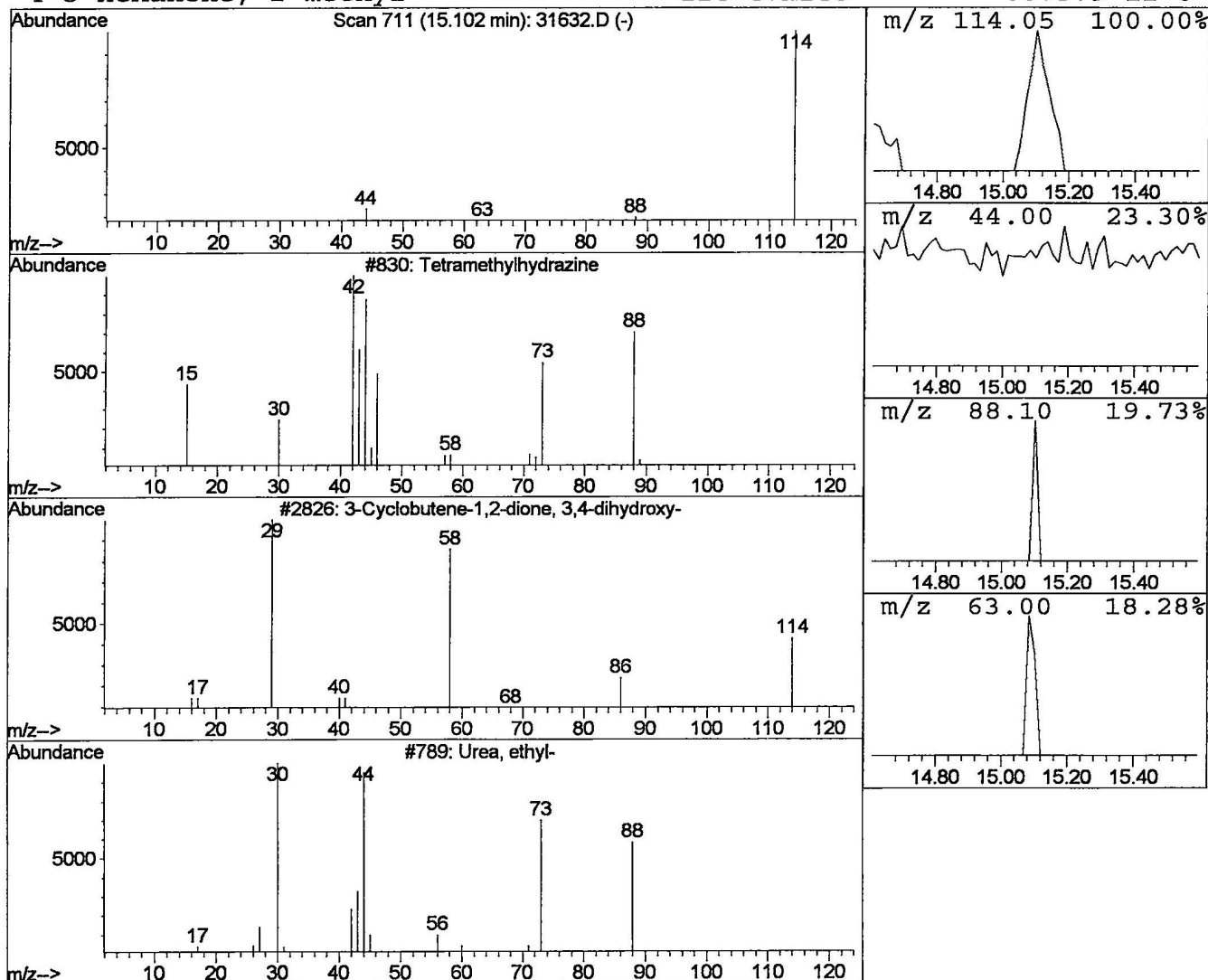
Vial: 9
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 4 Tetramethylhydrazine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.04 ug/L	11821	1,4-DIFLUOROBENZENE	14.45

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			Urea, ethyl-	88	C3H8N2O	000625-52-5	4
4			3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	4



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/31/2001 Time: 12:00:58

Sample: AD31633

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/28/01 00:00 Ended: 12/28/01 00:00 Analyst: BH

Result source: m:\instruments\206\rrfiles\31633.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr - 1,2-DICHLOROETHANE-		6.0		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		5.2		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 1/2/02

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/31/2001 Time: 12:00:58

Sample: AD31633

Analysis: §524 Volatile Organic Compounds

Units: ug

Started: 12/28/01 00:00 Ended: 12/28/01 00:00 Analyst: BH

Result source: m:\instruments\206\rrfiles\31633.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\01dec28\31633.D
Acq On : 28 Dec 2001 10:32 pm
Sample : nyc
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 28 23:12 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	583292	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	559153	5.00	ug/L	0.08
50) 1,4-DICHLOROBENZENE-D4	26.21	152	277532	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	229581	5.98	ug/L	0.09
Spiked Amount	5.000		Recovery	=	119.60%	
3) 4-BROMOFLUOROBENZENE	23.62	174	188451	4.21	ug/L	0.08
Spiked Amount	5.000		Recovery	=	84.20%	
23) TOLUENE-D8	17.76	98	765541	5.16	ug/L	0.08
Spiked Amount	5.000		Recovery	=	103.20%	

Target Compounds

Qvalue

(#) = qualifier out of range (m) = manual integration
31633.D HP121001.M Fri Dec 28 23:13:22 2001

Page 1

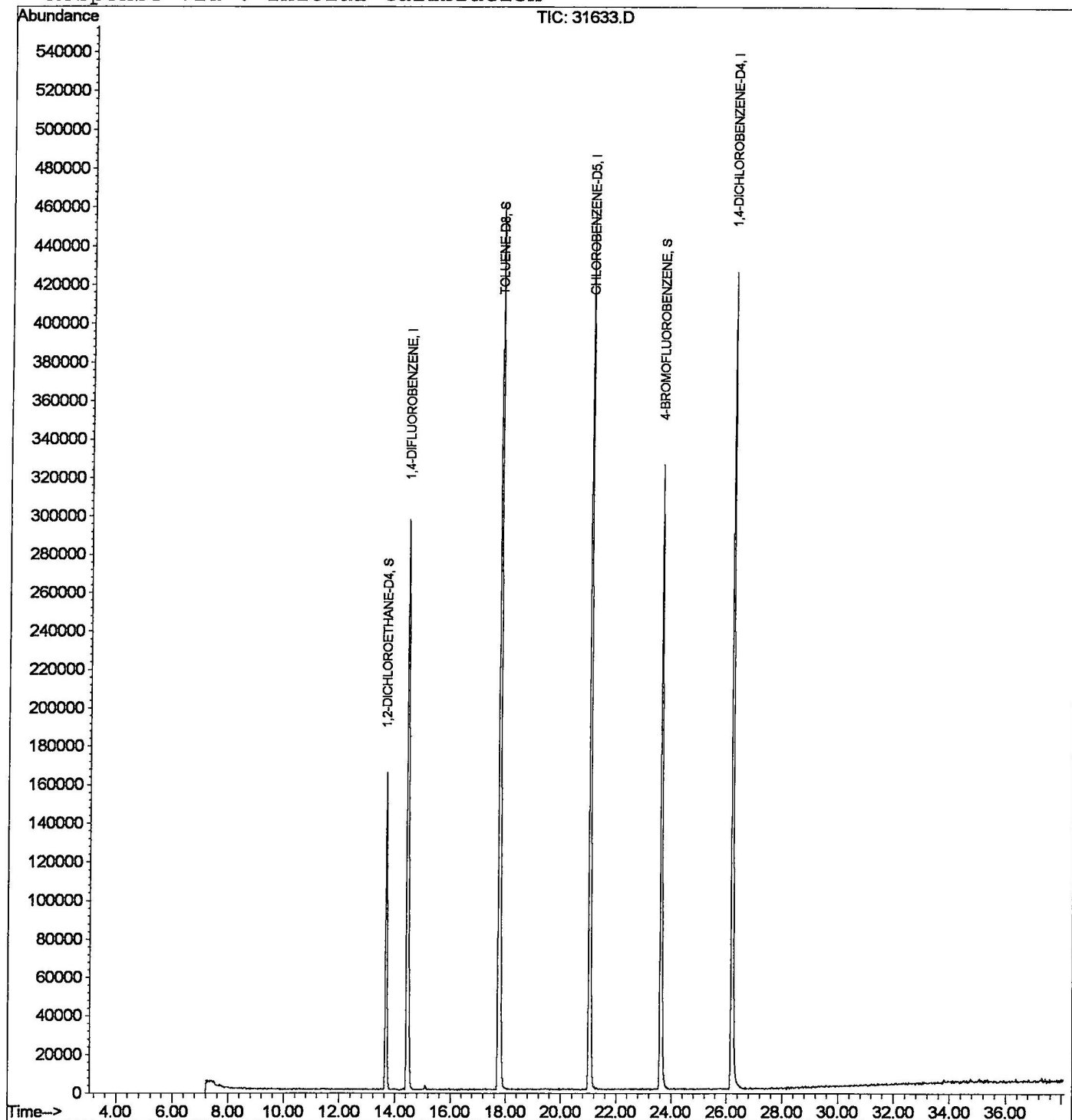
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec28\31633.D
 Acq On : 28 Dec 2001 10:32 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 23:12 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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec28\31633.D
 Acq On : 28 Dec 2001 10:32 pm
 Sample : nyc
 Misc :
 MS Integration Params: LSCINT.P

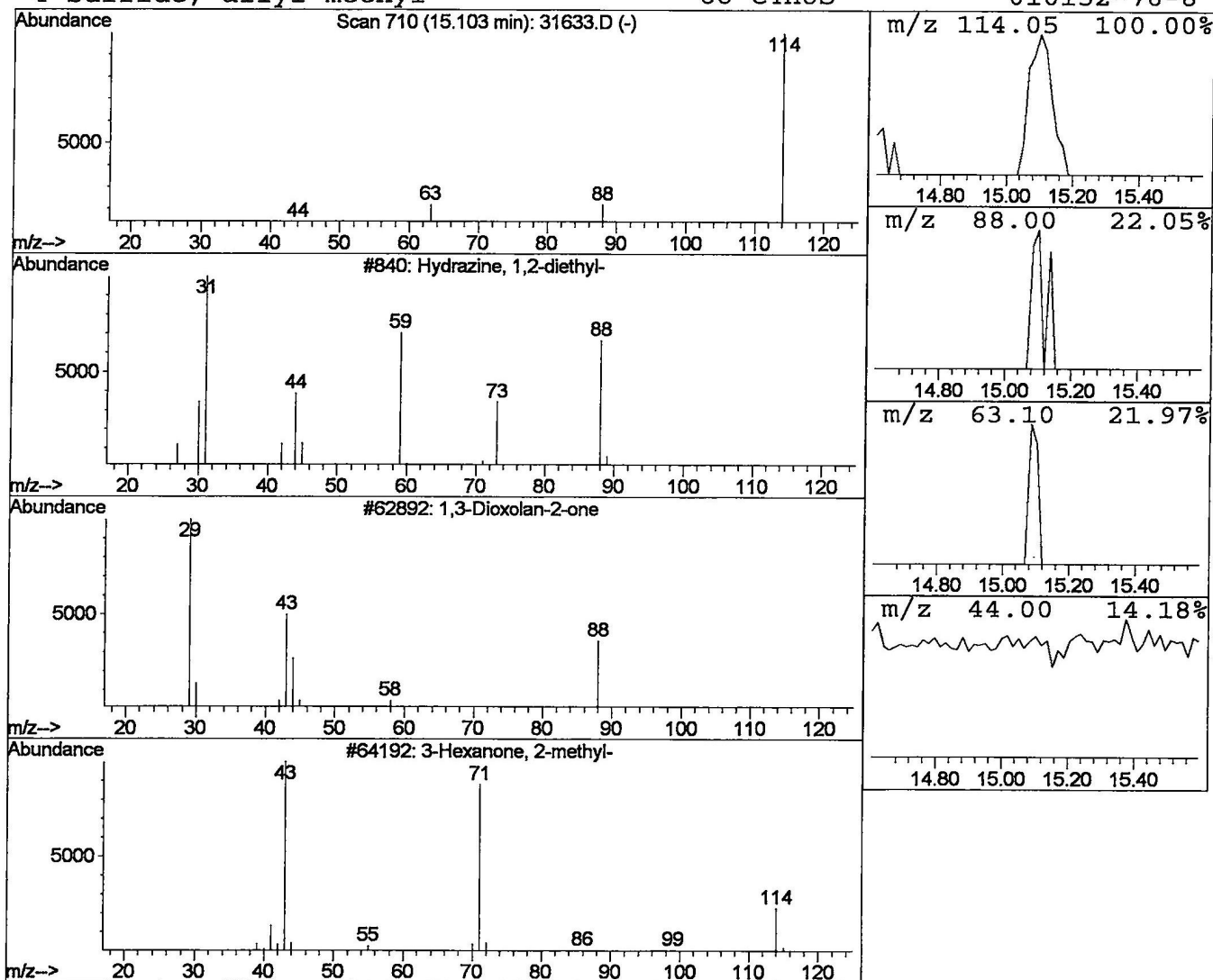
Vial: 10
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.03 ug/L	9727	1,4-DIFLUOROBENZENE	14.46

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: 12/31/2001 Time: 11:52:04

Sample: AD31466

Analysis: \$F_524 Volatile Organic Compounds

Units: ug

Started: 12/28/01 00:01 Ended: 12/28/01 00:01 Analyst: BH

Result source: c:\hpcchem\1\data\01dec28\31466f.d\31466f.rr

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.8		.5
2	Surr_4-BROMOFLUOROBENZE		4.2		.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 15

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/31/2001 Time: 11:52:04

Sample: AD31466
Analysis: \$F_524 Volatile Organic Compounds
Units: ug
Started: 12/28/01 00:01 Ended: 12/28/01 00:01 Analyst: BH
Result source: c:\hpchem\1\data\01dec28\31466f.d\31466f.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\01dec28\31466F.D
Acq On : 28 Dec 2001 11:18 pm
Sample : nyc; fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 28 23:58 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	14.44	114	569637	5.00	ug/L	0.08
22) CHLOROBENZENE-D5	21.05	117	543552	5.00	ug/L	0.08
50) 1,4-DICHLOROBENZENE-D4	26.21	152	265593	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	219415	5.85	ug/L	0.09
Spiked Amount	5.000		Recovery	=	117.00%	
3) 4-BROMOFLUOROBENZENE	23.62	174	184228	4.21	ug/L	0.08
Spiked Amount	5.000		Recovery	=	84.20%	
23) TOLUENE-D8	17.76	98	729339	5.06	ug/L	0.08
Spiked Amount	5.000		Recovery	=	101.20%	
Target Compounds						
10) ACETONE	7.70	43	58230	15.24	ug/L	Qvalue 96

(#) = qualifier out of range (m) = manual integration
31466F.D HP121001.M Fri Dec 28 23:59:29 2001

Page 1

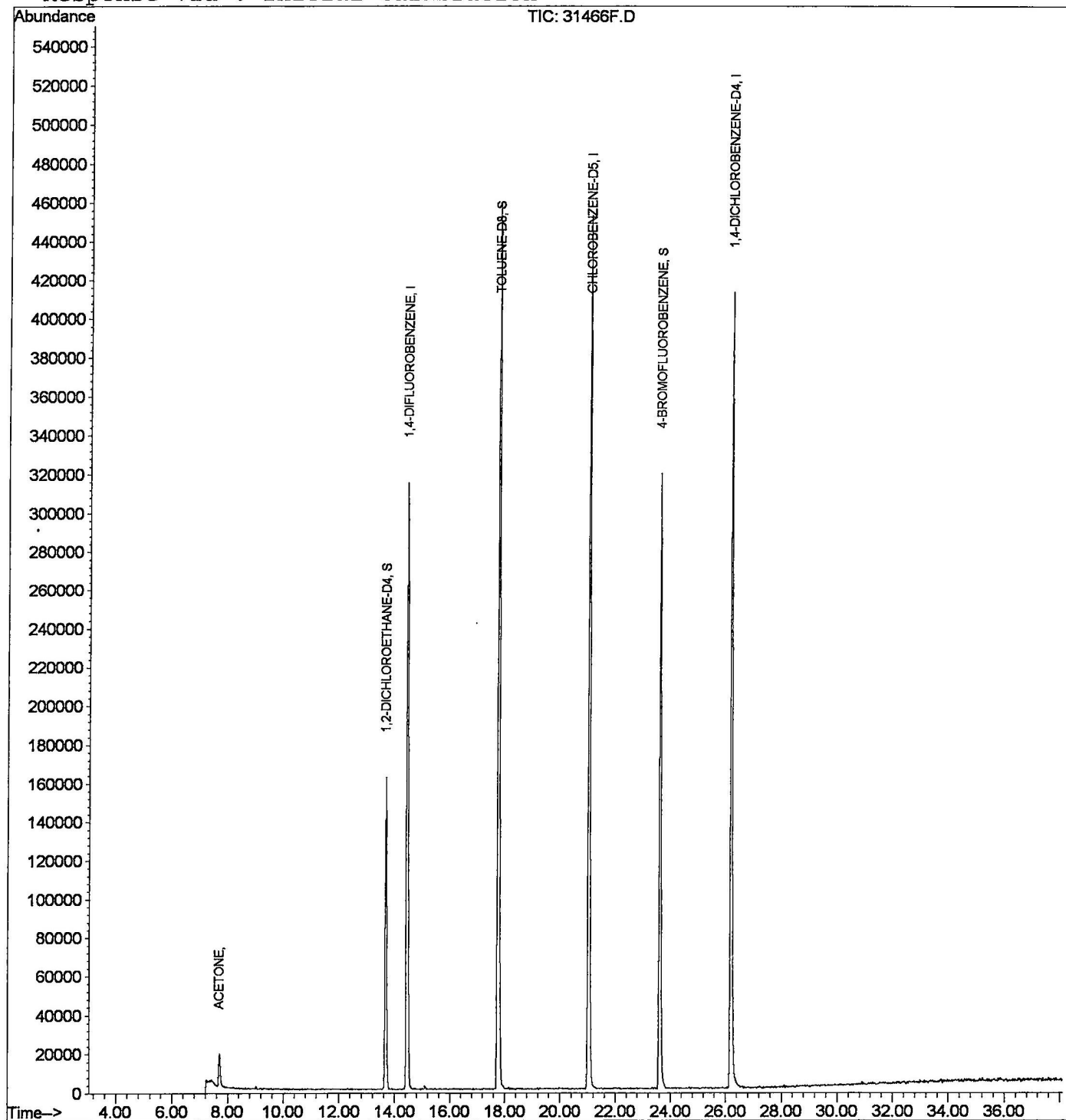
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec28\31466F.D
 Acq On : 28 Dec 2001 11:18 pm
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 28 23:58 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\01dec28\31466F.D
 Acq On : 28 Dec 2001 11:18 pm
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P

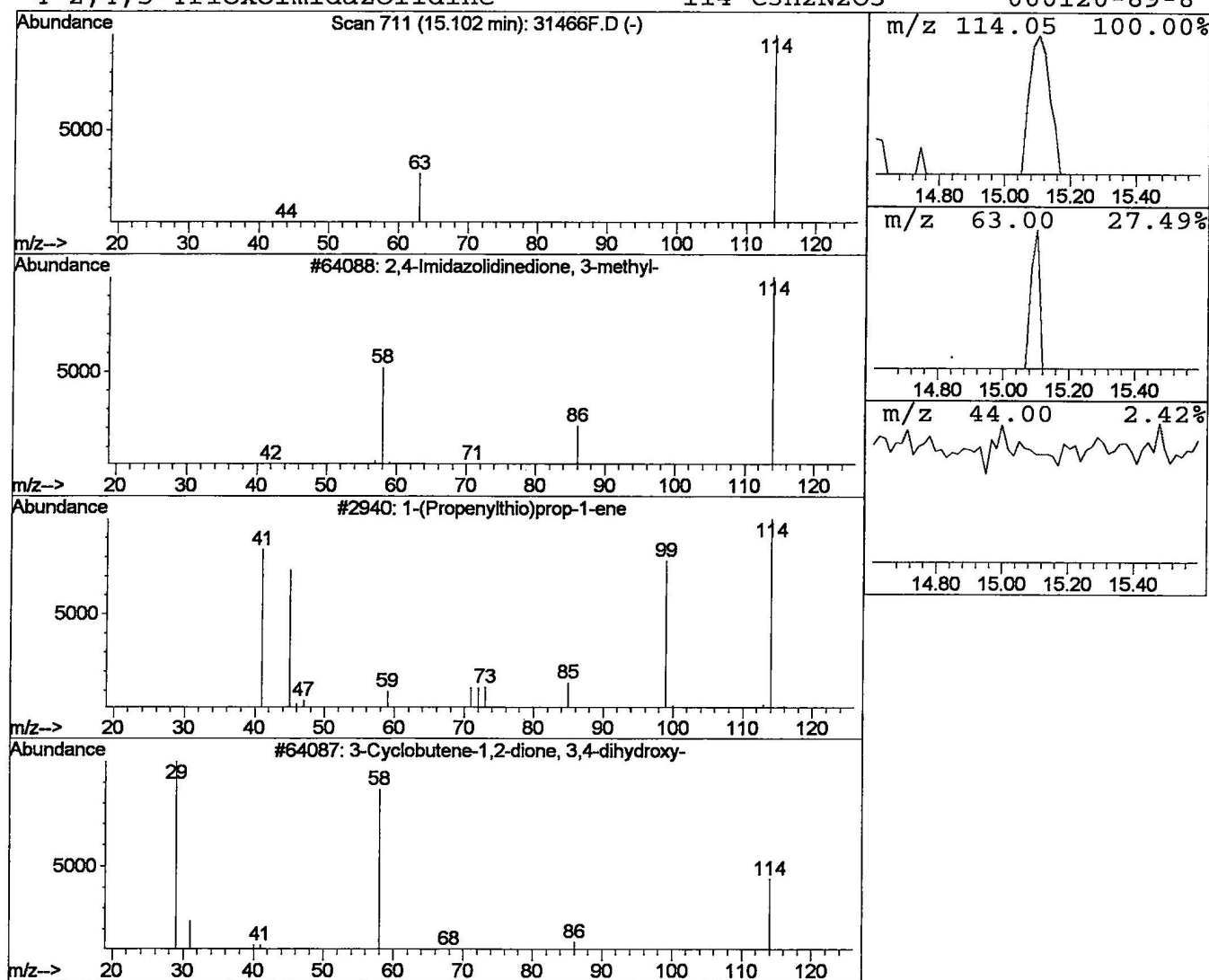
Vial: 11
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.03 ug/L	8165	1,4-DIFLUOROBENZENE	14.44

Hit#	of	5	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: 12/31/2001 Time: 11:57:47

Sample: AD31551

Analysis: \$F_524 Volatile Organic Compounds-Field Blank

Units: ug

Started: 12/29/01 00:02 Ended: 12/29/01 00:02 Analyst: BH

Result source: m:\instruments\206\rrfiles\31551f.rr

Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.9		.5
2	Surr_4-BROMOFLUOROBENZE		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	Chloroform		< MDL		.5
18	Bromochloromethane		< MDL		.5
19	1,2-dichloroethane		< MDL		.5
20	Surr_TOLUENE-D8		4.9		.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 - 28

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/31/2001 Time: 11:57:47

Sample: AD31551
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 12/29/01 00:02 Ended: 12/29/01 00:02 Analyst: BH
Result source: m:\instruments\206\rrfiles\31551f.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

Data File : C:\HPCHEM\1\DATA\01dec28\31551F.D
 Acq On : 29 Dec 2001 12:04 am
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 29 0:44 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	14.46	114	571778	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	549365	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	259519	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	222967	5.92	ug/L	0.09
Spiked Amount 5.000			Recovery	=	118.40%	
3) 4-BROMOFLUOROBENZENE	23.62	174	178870	4.08	ug/L	0.09
Spiked Amount 5.000			Recovery	=	81.60%	
23) TOLUENE-D8	17.78	98	716964	4.92	ug/L	0.10
Spiked Amount 5.000			Recovery	=	98.40%	
Target Compounds						Qvalue
10) ACETONE	7.70	43	106101	27.66	ug/L	100
12) METHYLENE CHLORIDE .33	9.02	49	10547	0.33	ug/L	97
16) 2-BUTANONE (MEK)	11.42	43	1507	0.22	ug/L	64

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

31551F.D HP121001.M Sat Dec 29 00:45:57 2001

Page 1

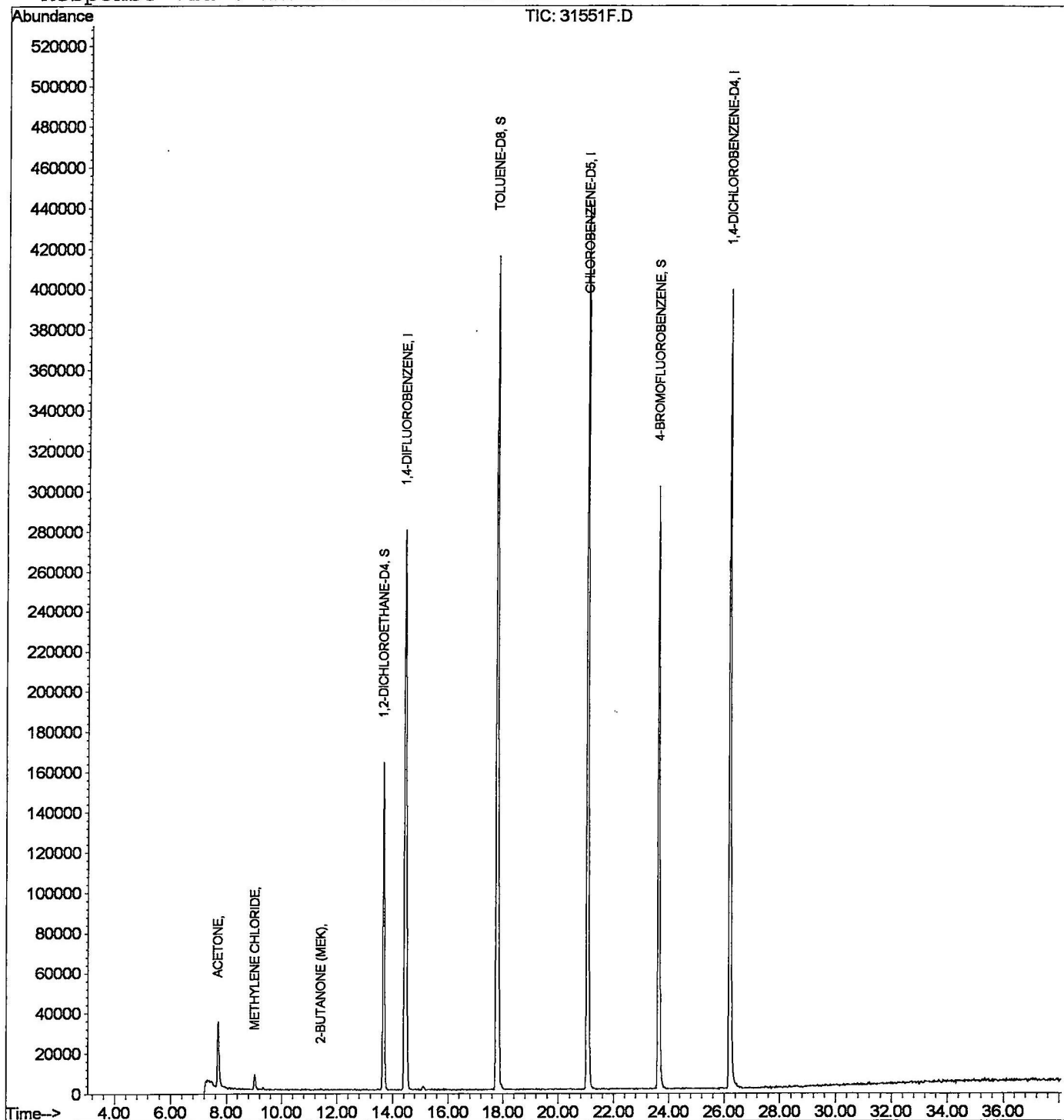
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec28\31551F.D
 Acq On : 29 Dec 2001 12:04 am
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 29 0:44 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\01dec28\31551F.D
 Acq On : 29 Dec 2001 12:04 am
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P

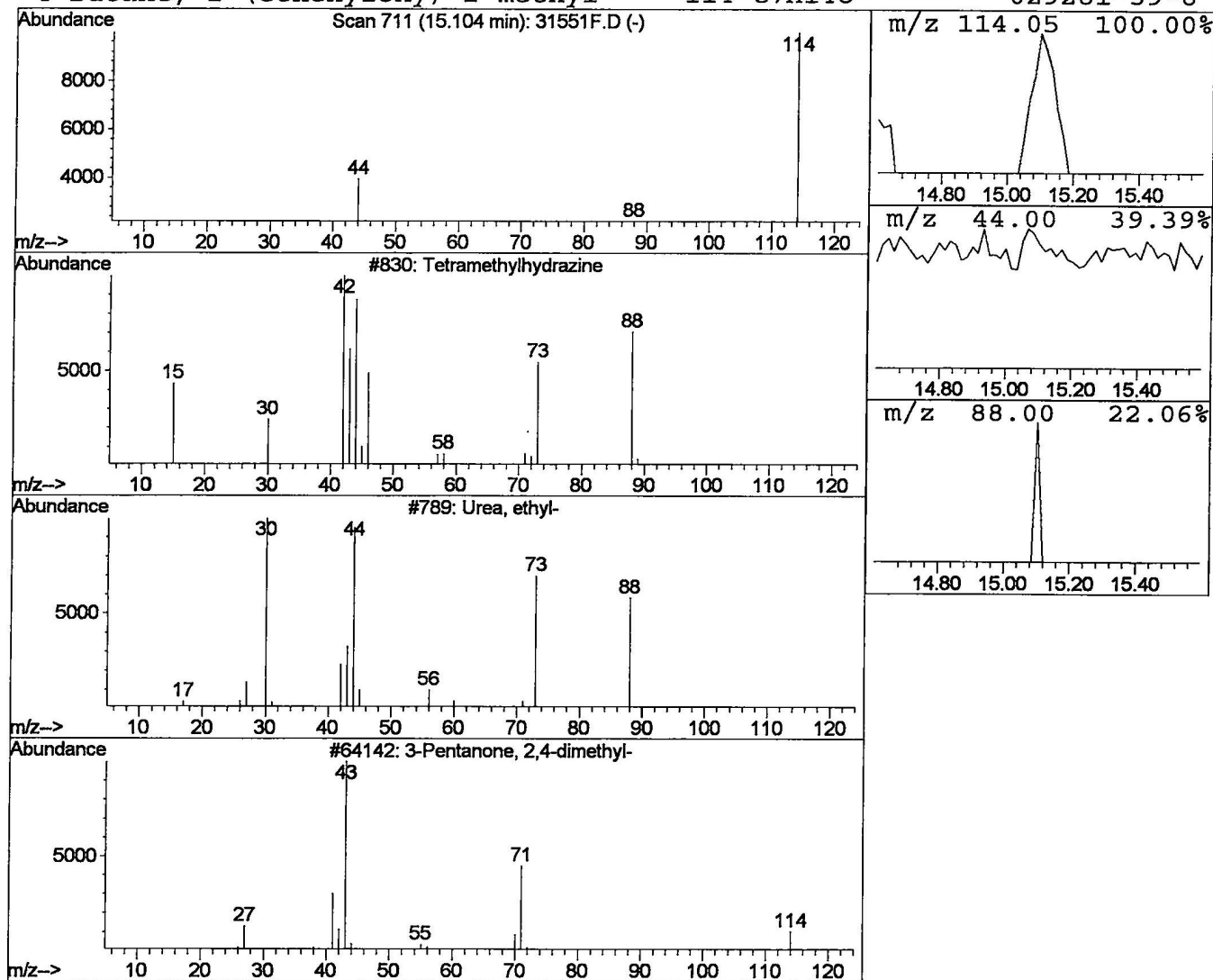
Vial: 12
 Operator: 206-BH
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 4 Tetramethylhydrazine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.04 ug/L	10277	1,4-DIFLUOROBENZENE	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetramethylhydrazine	88	C4H12N2	006415-12-9	4
2		Urea, ethyl-	88	C3H8N2O	000625-52-5	4
3		3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	3
4		Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	3



User: Huhn, William
 Westchester Dept. of Labs & Research
 Date: 12/31/2001 Time: 11:59:16

Sample: AD31631
 Analysis: \$F_524 Volatile Organic Compounds-Field Blank
 Units: ug
 Started: 12/29/01 00:02 Ended: 12/29/01 00:02 Analyst: BH
 Result source: m:\instruments\206\rrfiles\31631f.rr
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Surr_1,2-DICHLOROETHANE-		5.9		.5
2	Surr_4-BROMOFLUOROBENZE		4.2		.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		4.9		.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 - 44

User: Huhn, William
Westchester Dept. of Labs & Research
Date: 12/31/2001 Time: 11:59:16

Sample: AD31631
Analysis: \$F_524 Volatile Organic Compounds-Field Blank
Units: ug
Started: 12/29/01 00:02 Ended: 12/29/01 00:02 Analyst: BH
Result source: m:\instruments\206\rrfiles\31631f.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\01dec28\31631F.D
 Acq On : 29 Dec 2001 12:50 am
 Sample : nyc; fb
 Misc :
 MS Integration Params: LSCINT.P
 Quant Time: Dec 29 1:31 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	562870	5.00	ug/L	0.10
22) CHLOROBENZENE-D5	21.05	117	545265	5.00	ug/L	0.09
50) 1,4-DICHLOROBENZENE-D4	26.21	152	263638	5.00	ug/L	0.10
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	13.67	65	219355	5.92	ug/L	0.09
Spiked Amount 5.000			Recovery	=	118.40%	
3) 4-BROMOFLUOROBENZENE	23.62	174	182309	4.22	ug/L	0.09
Spiked Amount 5.000			Recovery	=	84.40%	
23) TOLUENE-D8	17.78	98	711804	4.92	ug/L	0.10
Spiked Amount 5.000			Recovery	=	98.40%	
Target Compounds						
10) ACETONE	7.69	43	166077	43.98	ug/L	Qvalue 97
12) METHYLENE CHLORIDE 34	9.02	49	10499	0.34	ug/L	92

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

31631F.D HP121001.M Sat Dec 29 01:32:15 2001

Page 1

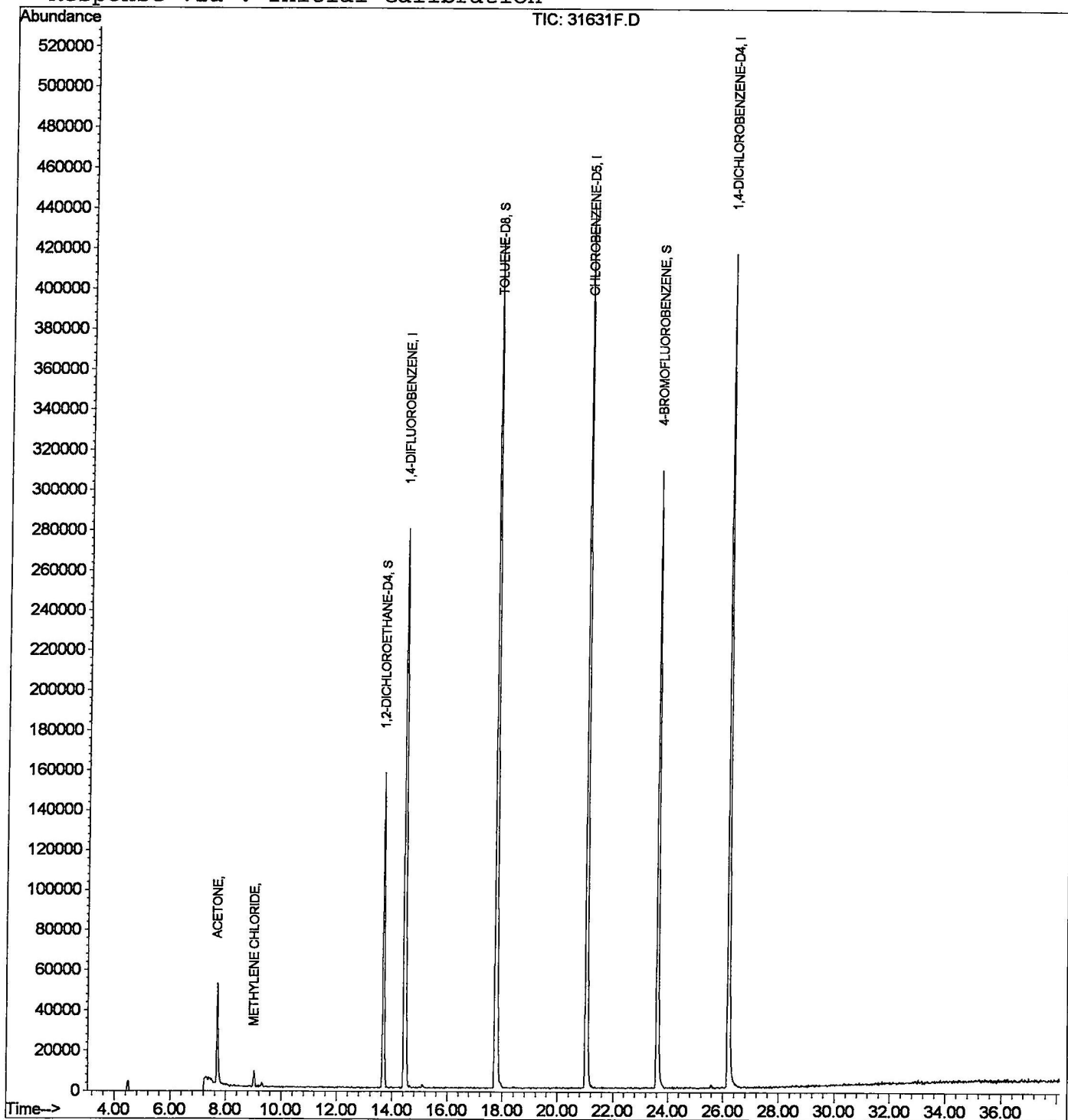
Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec28\31631F.D
Acq On : 29 Dec 2001 12:50 am
Sample : nyc; fb
Misc :
MS Integration Params: LSCINT.P
Quant Time: Dec 29 1:31 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\01dec28\31631F.D

Acq On : 29 Dec 2001 12:50 am

Sample : nyc; 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 3 2,4-Imidazolidinedione, 3-meth Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	0.03 ug/L	7419	1,4-DIFLUOROBENZENE	14.46

Hit#	of	5	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

