

User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 11:44:25

Sample: AD30111  
 Analysis: \$B1524 Volatile Organic Compounds-Blank  
 Units: ug  
 Started: 12/19/01 00:00 Ended: 12/19/01 00:00 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\1219bl2.rr  
 Page: 1

|    | Component Name             | Viol | Result |
|----|----------------------------|------|--------|
| 1  | Surr - 1,2-DICHLOROETHANE- |      | 5.4    |
| 2  | Surr - 4-BROMOFLUOROBENZ   |      | 4.4    |
| 3  | DICHLORODIFLUOROMETHAN     |      | < MDL  |
| 4  | CHLOROMETHANE              |      | < MDL  |
| 5  | VINYL CHLORIDE             |      | < MDL  |
| 6  | BROMOMETHANE               |      | < MDL  |
| 7  | CHLOROETHANE               |      | < MDL  |
| 8  | TRICHLOROFLUOROMETHAN      |      | < MDL  |
| 9  | ACETONE                    |      | < MDL  |
| 10 | 1,1-DICHLOROETHENE         |      | < MDL  |
| 11 | METHYLENE CHLORIDE         |      | < MDL  |
| 12 | METHYL TERT BUTYL ETHER    |      | < MDL  |
| 13 | TRANS-1,2-DICHLOROETHEN    |      | < MDL  |
| 14 | 1,1-DICHLOROETHANE         |      | < MDL  |
| 15 | 2-BUTANONE (MEK)           |      | 0.28   |
| 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          |      | 5.2    |
| 22 | 1,1,1-TRICHLOROETHANE      |      | < MDL  |
| 23 | 1,1-DICHLOROPROPENE        |      | < MDL  |
| 24 | CARBON TETRACHLORIDE       |      | < MDL  |
| 25 | BENZENE                    |      | < MDL  |
| 26 | TRICHLOROETHENE            |      | < MDL  |
| 27 | 1,2-DICHLOROPROPANE        |      | < MDL  |
| 28 | DIBROMOMETHANE             |      | < MDL  |
| 29 | BROMODICHLOROMETHANE       |      | < MDL  |
| 30 | 2-CHLOROETHYL VINYL ETHE   |      | < MDL  |
| 31 | MIBK                       |      | < MDL  |
| 32 | CIS-1,3-DICHLOROPROPENE    |      | < MDL  |
| 33 | TOLUENE                    |      | < MDL  |
| 34 | TRANS-1,3-DICHLOROPROPE    |      | < MDL  |
| 35 | 1,1,2-TRICHLOROETHANE      |      | < MDL  |
| 36 | TETRACHLOROETHENE          |      | < MDL  |
| 37 | 1,3-DICHLOROPROPANE        |      | < MDL  |
| 38 | DIBROMOCHLOROMETHANE       |      | < MDL  |
| 39 | 1,2-DIBROMOETHANE          |      | < MDL  |
| 40 | CHLOROBENZENE              |      | < MDL  |
| 41 | 1,1,1,2-TETRACHLOROETHA    |      | < MDL  |
| 42 | 2-HEXANONE                 |      | < MDL  |
| 43 | ETHYLBENZENE               |      | < MDL  |
| 44 | P & M-XYLENE               |      | < MDL  |
| 45 | O-XYLENE                   |      | < MDL  |
| 46 | STYRENE                    |      | < MDL  |
| 47 | 1,1,2,2-TETRACHLOROETHA    |      | < MDL  |
| 48 | BROMOFORM                  |      | < MDL  |



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Analysis: \$B1524 Volatile Organic Compounds-Blank  
Units: ug  
Started: 12/19/01 00:00 Ended: 12/19/01 00:00 Analyst: BH  
Result source: m:\instruments\206\rrfiles\1219bl2.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  |

Data File : C:\HPCHEM\1\DATA\01dec19\1219BL2.D

Vial: 6

Acq On : 19 Dec 2001 10:08 am

Operator: 206-BH

Sample : lb

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 19 10:46 2001

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

Last Update : Wed Dec 19 08:54:09 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

| Internal Standards          | R.T.  | QIon | Response | Conc | Units   | Dev(Min)     |
|-----------------------------|-------|------|----------|------|---------|--------------|
| 1) 1,4-DIFLUOROBENZENE      | 14.41 | 114  | 723916   | 5.00 | ug/L    | 0.05         |
| 22) CHLOROBENZENE-D5        | 21.02 | 117  | 704551   | 5.00 | ug/L    | 0.05         |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.18 | 152  | 329535   | 5.00 | ug/L    | 0.07         |
| System Monitoring Compounds |       |      |          |      |         |              |
| 2) 1,2-DICHLOROETHANE-D4    | 13.64 | 65   | 258343   | 5.42 | ug/L    | 0.05         |
| Spiked Amount 5.000         |       |      | Recovery | =    | 108.40% |              |
| 3) 4-BROMOFLUOROBENZENE     | 23.59 | 174  | 246612   | 4.44 | ug/L    | 0.05         |
| Spiked Amount 5.000         |       |      | Recovery | =    | 88.80%  |              |
| 23) TOLUENE-D8              | 17.73 | 98   | 971024   | 5.20 | ug/L    | 0.05         |
| Spiked Amount 5.000         |       |      | Recovery | =    | 104.00% |              |
| Target Compounds            |       |      |          |      |         |              |
| 16) 2-BUTANONE (MEK)        | 11.37 | 43   | 2406     | 0.28 | ug/L    | Qvalue<br>64 |

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

1219BL2.D HP121001.M Wed Dec 19 10:46:52 2001

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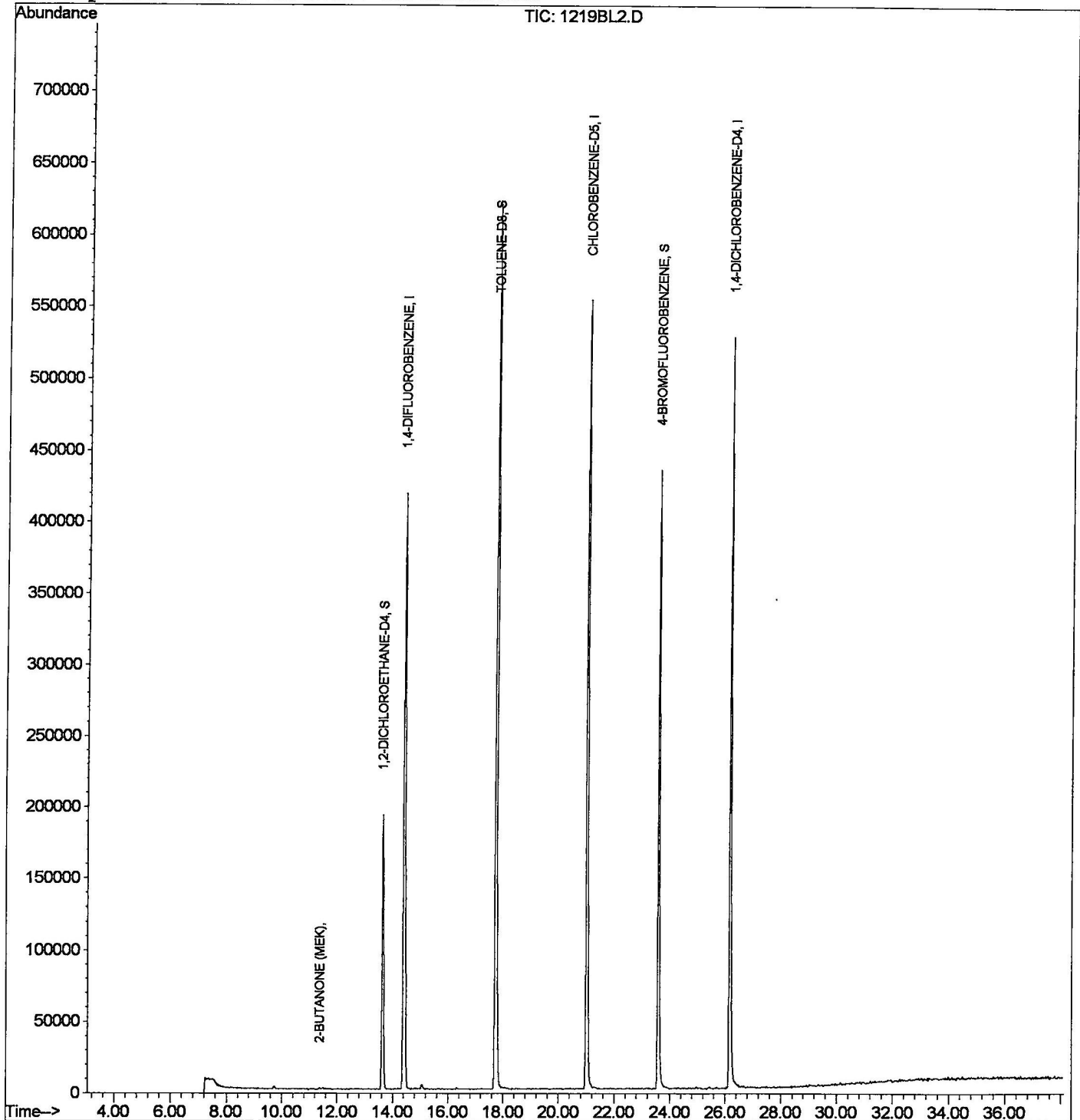
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\1219BL2.D  
Acq On : 19 Dec 2001 10:08 am  
Sample : 1b  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 19 10:46 2001

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

Quant Results File: HP121001.RES

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



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 11:45:01

Sample: AD30111

Analysis: \$C1524 Volatile Organic Compounds-Cal 1

Units: ug

Started: 12/19/01 00:01

Ended: 12/19/01 00:01

Analyst: BH

Result source: m:\instruments\206\rrfiles\1219c10.rr

Page: 1

|    | Component Name            | Viol  | Result | Qualifier | MDL |
|----|---------------------------|-------|--------|-----------|-----|
| 1  | Surr_1,2-DICHLOROETHANE-  |       | 5.6    |           | .5  |
| 2  | Surr_4-BROMOFLUOROBENZE   |       | 5.5    |           | .5  |
| 3  | Dichlorodifluoromethane   |       | 9.9    |           | .5  |
| 4  | Chloromethane             | USPEC | 16     |           | .5  |
| 5  | Vinyl chloride            | USPEC | 14     |           | .5  |
| 6  | Bromomethane              |       | 12     |           | .5  |
| 7  | Chloroethane              | USPEC | 13     |           | .5  |
| 8  | Trichlorofluoromethane    |       | 13     |           | .5  |
| 9  | 1,1-Dichloroethene        |       | 9.6    |           | .5  |
| 10 | Methylene Chloride        |       | 11     |           | .5  |
| 11 | Methyl tert-butyl ether   |       | 8.8    |           | 1.0 |
| 12 | trans-1,2-dichloroethene  |       | 9.6    |           | .5  |
| 13 | 1,1-dichloroethane        |       | 9.9    |           | .5  |
| 14 | 2-butanone (MEK)          |       | 11     |           | 2.0 |
| 15 | 2,2-dichloropropane       |       | 11     |           | .5  |
| 16 | cis-1,2-dichloroethene    |       | 9.2    |           | .5  |
| 17 | Chloroform                |       | 11     |           | .5  |
| 18 | Bromochloromethane        |       | 11     |           | .5  |
| 19 | 1,2-dichloroethane        |       | 11     |           | .5  |
| 20 | Surr_TOLUENE-D8           |       | 5.0    |           | .5  |
| 21 | 1,1,1-trichloroethane     |       | 10     |           | .5  |
| 22 | 1,1-dichloropropene       |       | 10     |           | .5  |
| 23 | Carbon tetrachloride      |       | 11     |           | .5  |
| 24 | Benzene                   |       | 9.4    |           | .5  |
| 25 | Trichloroethene           |       | 9.5    |           | .5  |
| 26 | 1,2-dichloropropane       |       | 9.4    |           | .5  |
| 27 | Dibromomethane            |       | 8.7    |           | .5  |
| 28 | Bromodichloromethane      |       | 11     |           | .5  |
| 29 | Methyl iso-butyl ketone   |       | 8.9    |           | 1.0 |
| 30 | cis-1,3-dichloropropene   |       | 9.6    |           | .5  |
| 31 | Toluene                   |       | 9.1    |           | .5  |
| 32 | trans-1,3-dichloropropene |       | 10     |           | .5  |
| 33 | 1,1,2-trichloroethane     |       | 9.4    |           | .5  |
| 34 | Tetrachloroethene         |       | 8.8    |           | .5  |
| 35 | 1,3-dichloropropane       |       | 9.8    |           | .5  |
| 36 | Dibromochloromethane      |       | 9.4    |           | 2.0 |
| 37 | Chlorobenzene             |       | 9.2    |           | .5  |
| 38 | 1,1,1,2-tetrachloroethane |       | 9.6    |           | .5  |
| 39 | Ethylbenzene              |       | 9.7    |           | .5  |
| 40 | P & M-xylene              |       | 18     |           | .5  |
| 41 | O-xylene                  |       | 10     |           | .5  |
| 42 | Styrene                   |       | 9.3    |           | .5  |
| 43 | 1,1,2,2-tetrachloroethane |       | 11     |           | .5  |
| 44 | Bromoform                 |       | 8.7    |           | 2.0 |
| 45 | Isopropylbenzene          |       | 8.2    |           | .5  |
| 46 | 1,2,3-trichloropropane    |       | 8.2    |           | .5  |
| 47 | N-propylbenzene           |       | 8.6    |           | .5  |
| 48 | Bromobenzene              |       | 8.1    |           | .5  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 11:45:01

Sample: AD30111  
Analysis: \$C1524 Volatile Organic Compounds-Cal 1  
Units: ug  
Started: 12/19/01 00:01 Ended: 12/19/01 00:01 Analyst: BH  
Result source: m:\instruments\206\rrfiles\1219c10.rr  
Page: 2

|    | Component Name         | Viol | Result | Qualifier | MDL |
|----|------------------------|------|--------|-----------|-----|
| 49 | 1,3,5-trimethylbenzene |      | 8.3    |           | .5  |
| 50 | 2-chlorotoluene        |      | 8.0    |           | .5  |
| 51 | 4-chlorotoluene        |      | 9.7    |           | .5  |
| 52 | TERT-butylbenzene      |      | 8.2    |           | .5  |
| 53 | 1,2,4-trimethylbenzene |      | 8.7    |           | .5  |
| 54 | SEC-butylbenzene       |      | 8.5    |           | .5  |
| 55 | P-isopropyltoluene     |      | 8.5    |           | .5  |
| 56 | 1,3-dichlorobenzene    |      | 8.7    |           | .5  |
| 57 | 1,4-dichlorobenzene    |      | 8.6    |           | .5  |
| 58 | N-butylbenzene         |      | 9.7    |           | .5  |
| 59 | 1,2-dichlorobenzene    |      | 9.0    |           | .5  |
| 60 | 1,2,4-trichlorobenzene |      | 9.4    |           | .5  |
| 61 | Hexachlobutadiene      |      | 8.6    |           | .5  |
| 62 | Naphthalene            |      | 9.7    |           | .5  |
| 63 | 1,2,3-trichlorobenzene |      | 9.4    |           | .5  |

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec19\1219C10.D  
 Acq On : 19 Dec 2001 11:04 am  
 Sample : cal 10  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 11:42 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 : Wed Dec 19 08:54:09 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  | 699543   | 5.00 | ug/L  | 0.05     |
| 22) CHLOROBENZENE-D5       | 21.01 | 117  | 710792   | 5.00 | ug/L  | 0.05     |
| 50) 1,4-DICHLOROBENZENE-D4 | 26.18 | 152  | 462244   | 5.00 | ug/L  | 0.07     |

## System Monitoring Compounds

|                          |       |     |          |      |         |      |
|--------------------------|-------|-----|----------|------|---------|------|
| 2) 1,2-DICHLOROETHANE-D4 | 13.64 | 65  | 256693   | 5.57 | ug/L    | 0.05 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 111.40% |      |
| 3) 4-BROMOFLUOROBENZENE  | 23.60 | 174 | 294957   | 5.49 | ug/L    | 0.07 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 109.80% |      |
| 23) TOLUENE-D8           | 17.74 | 98  | 939855   | 4.99 | ug/L    | 0.07 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 99.80%  |      |

## Target Compounds

|                               |       |     |         |            | Qvalue |
|-------------------------------|-------|-----|---------|------------|--------|
| 4) DICHLORODIFLUOROMETHANE    | 4.48  | 85  | 226171  | 9.91 ug/L  | 99     |
| 5) CHLOROMETHANE              | 5.00  | 50  | 221496  | 15.60 ug/L | 98     |
| 6) VINYL CHLORIDE             | 5.15  | 62  | 203238  | 14.40 ug/L | 98     |
| 7) BROMOMETHANE               | 6.06  | 94  | 148449  | 12.02 ug/L | 97     |
| 8) CHLOROETHANE               | 6.19  | 64  | 129407  | 13.37 ug/L | 97     |
| 9) TRICHLOROFLUOROMETHANE     | 6.73  | 101 | 386144  | 12.60 ug/L | 95     |
| 10) ACETONE                   | 7.67  | 43  | 53586   | 11.42 ug/L | 94     |
| 11) 1,1-DICHLOROETHENE        | 8.01  | 61  | 380716  | 9.58 ug/L  | 95     |
| 12) METHYLENE CHLORIDE        | 8.99  | 49  | 409419  | 10.62 ug/L | 95     |
| 13) METHYL TERT BUTYL ETHER   | 9.28  | 73  | 448371  | 8.82 ug/L  | 98     |
| 14) TRANS-1,2-DICHLOROETHENE  | 9.63  | 61  | 413728  | 9.60 ug/L  | 91     |
| 15) 1,1-DICHLOROETHANE        | 10.50 | 63  | 530823  | 9.87 ug/L  | 98     |
| 16) 2-BUTANONE (MEK)          | 11.34 | 43  | 89949   | 10.85 ug/L | 94     |
| 17) 2,2-DICHLOROPROPANE       | 11.71 | 77  | 469135  | 10.59 ug/L | 99     |
| 18) CIS-1,2-DICHLOROETHENE    | 11.80 | 96  | 276695  | 9.18 ug/L  | 95     |
| 19) CHLOROFORM                | 12.14 | 83  | 548134  | 10.68 ug/L | 100    |
| 20) BROMOCHLOROMETHANE        | 12.50 | 49  | 263407  | 10.82 ug/L | 95     |
| 21) 1,2-DICHLOROETHANE        | 13.84 | 62  | 369514  | 10.70 ug/L | 100    |
| 24) 1,1,1-TRICHLOROETHANE     | 13.01 | 97  | 456057  | 10.45 ug/L | 98     |
| 25) 1,1-DICHLOROPROPENE       | 13.35 | 75  | 435617  | 10.11 ug/L | 99     |
| 26) CARBON TETRACHLORIDE      | 13.59 | 117 | 392583  | 10.57 ug/L | 99     |
| 27) BENZENE                   | 13.94 | 78  | 1181715 | 9.44 ug/L  | 99     |
| 28) TRICHLOROETHENE           | 15.21 | 95  | 318963  | 9.51 ug/L  | 99     |
| 29) 1,2-DICHLOROPROPANE       | 15.55 | 63  | 327027  | 9.37 ug/L  | 97     |
| 30) DIBROMOMETHANE            | 16.21 | 174 | 107463  | 8.65 ug/L  | 95     |
| 31) BROMODICHLOROMETHANE      | 16.06 | 83  | 427329  | 10.63 ug/L | 97     |
| 32) 2-CHLOROETHYL VINYL ETHER | 16.57 | 63  | 120508  | 9.30 ug/L  | 96     |
| 33) Methyl iso-butyl ketone   | 16.64 | 58  | 59023   | 8.86 ug/L  | 95     |

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

1219C10.D HP121001.M Wed Dec 19 11:43:00 2001

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec19\1219C10.D  
 Acq On : 19 Dec 2001 11:04 am  
 Sample : cal 10  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 11:42 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 : Wed Dec 19 08:54:09 2001  
 Response via : Initial Calibration  
 DataAcq Meth : HP121001

| Compound                       | R.T.  | QIon | Response | Conc   | Unit | Qvalue |
|--------------------------------|-------|------|----------|--------|------|--------|
| 34) CIS-1,3-DICHLOROPROPENE    | 17.15 | 75   | 485479   | 9.65   | ug/L | 98     |
| 35) TOLUENE                    | 17.91 | 91   | 1290441  | 9.13   | ug/L | 99     |
| 36) TRANS-1,3-DICHLOROPROPENE  | 18.19 | 75   | 389671   | 9.97   | ug/L | 99     |
| 37) 1,1,2-TRICHLOROETHANE      | 18.56 | 97   | 181695   | 9.39   | ug/L | 98     |
| 38) TETRACHLOROETHENE          | 19.35 | 166  | 293855   | 8.82   | ug/L | 99     |
| 39) 1,3-DICHLOROPROPANE        | 19.09 | 76   | 367766   | 9.84   | ug/L | 99     |
| 40) DIBROMOCHLOROMETHANE       | 19.77 | 129  | 220385   | 9.37   | ug/L | 99     |
| 41) 1,2-DIBROMOETHANE          | 20.21 | 107  | 167452   | 9.09   | ug/L | 98     |
| 42) CHLOROBENZENE              | 21.10 | 112  | 865362   | 9.21   | ug/L | 98     |
| 43) 1,1,1,2-TETRACHLOROETHANE  | 21.15 | 131  | 293452   | 9.58   | ug/L | 97     |
| 44) 2-HEXANONE                 | 18.48 | 43   | 119288   | 10.72  | ug/L | 97     |
| 45) ETHYLBENZENE               | 21.15 | 91   | 1692552  | 9.72   | ug/L | 96     |
| 46) P & M-XYLENE               | 21.32 | 106  | 1186054  | 18.13  | ug/L | 98     |
| 47) O-XYLENE                   | 22.28 | 91   | 1382701  | 9.97   | ug/L | 98     |
| 48) STYRENE                    | 22.34 | 104  | 1007070  | 9.33   | ug/L | 99     |
| 49) 1,1,2,2-TETRACHLOROETHANE  | 23.35 | 83   | 220108   | 10.63  | ug/L | 98     |
| 51) BROMOFORM                  | 23.18 | 173  | 121543   | 8.70   | ug/L | 97     |
| 52) ISOPROPYLBENZENE           | 23.01 | 105  | 1655186  | 8.20   | ug/L | 97     |
| 53) 1,2,3-TRICHLOROPROPANE     | 23.67 | 110  | 60508    | 8.22   | ug/L | 93     |
| 54) N-PROPYLBENZENE            | 23.86 | 91   | 2240291  | 8.56   | ug/L | 98     |
| 55) BROMOBENZENE               | 24.10 | 156  | 348852   | 8.11   | ug/L | 97     |
| 56) 1,3,5-TRIMETHYLBENZENE     | 24.18 | 105  | 1442276  | 8.27   | ug/L | 99     |
| 57) 2-CHLOROTOLUENE            | 24.34 | 91   | 1328364  | 8.00   | ug/L | 100    |
| 58) 4-CHLOROTOLUENE            | 24.42 | 91   | 1446179  | 9.73   | ug/L | 99     |
| 59) TERT-BUTYLBENZENE          | 24.97 | 134  | 304069   | 8.16   | ug/L | 91     |
| 60) 1,2,4-TRIMETHYLBENZENE     | 25.07 | 105  | 1568714  | 8.67   | ug/L | 99     |
| 61) SEC-BUTYLBENZENE           | 25.43 | 105  | 2071412  | 8.53   | ug/L | 98     |
| 62) P-ISOPROPYLTOLUENE         | 25.68 | 119  | 1664783  | 8.54   | ug/L | 98     |
| 63) 1,3-DICHLOROBENZENE        | 26.04 | 146  | 806101   | 8.67   | ug/L | 99     |
| 64) 1,4-DICHLOROBENZENE        | 26.25 | 146  | 801032   | 8.62   | ug/L | 98     |
| 65) N-BUTYLBENZENE             | 26.57 | 91   | 1811104  | 9.71   | ug/L | 98     |
| 66) 1,2-DICHLOROBENZENE        | 27.10 | 146  | 689512   | 8.99   | ug/L | 99     |
| 67) 1,2-DIBROMO-3-CHLOROPROPAN | 28.75 | 157  | 35910    | 9.16   | ug/L | 94     |
| 68) NITROBENZENE               | 28.94 | 77   | 299377   | 185.20 | ug/L | 99     |
| 69) 1,2,4-TRICHLOROBENZENE     | 30.67 | 180  | 399045   | 9.38   | ug/L | 99     |
| 70) HEXACHLOROBUTADIENE        | 30.93 | 225  | 222484   | 8.61   | ug/L | 99     |
| 71) NAPHTHALENE                | 31.36 | 128  | 456568   | 9.74   | ug/L | 99     |
| 72) 1,2,3-TRICHLOROBENZENE     | 31.90 | 180  | 292423   | 9.37   | ug/L | 98     |

(#) = qualifier out of range (m) = manual integration  
 1219C10.D HP121001.M Wed Dec 19 11:43:02 2001

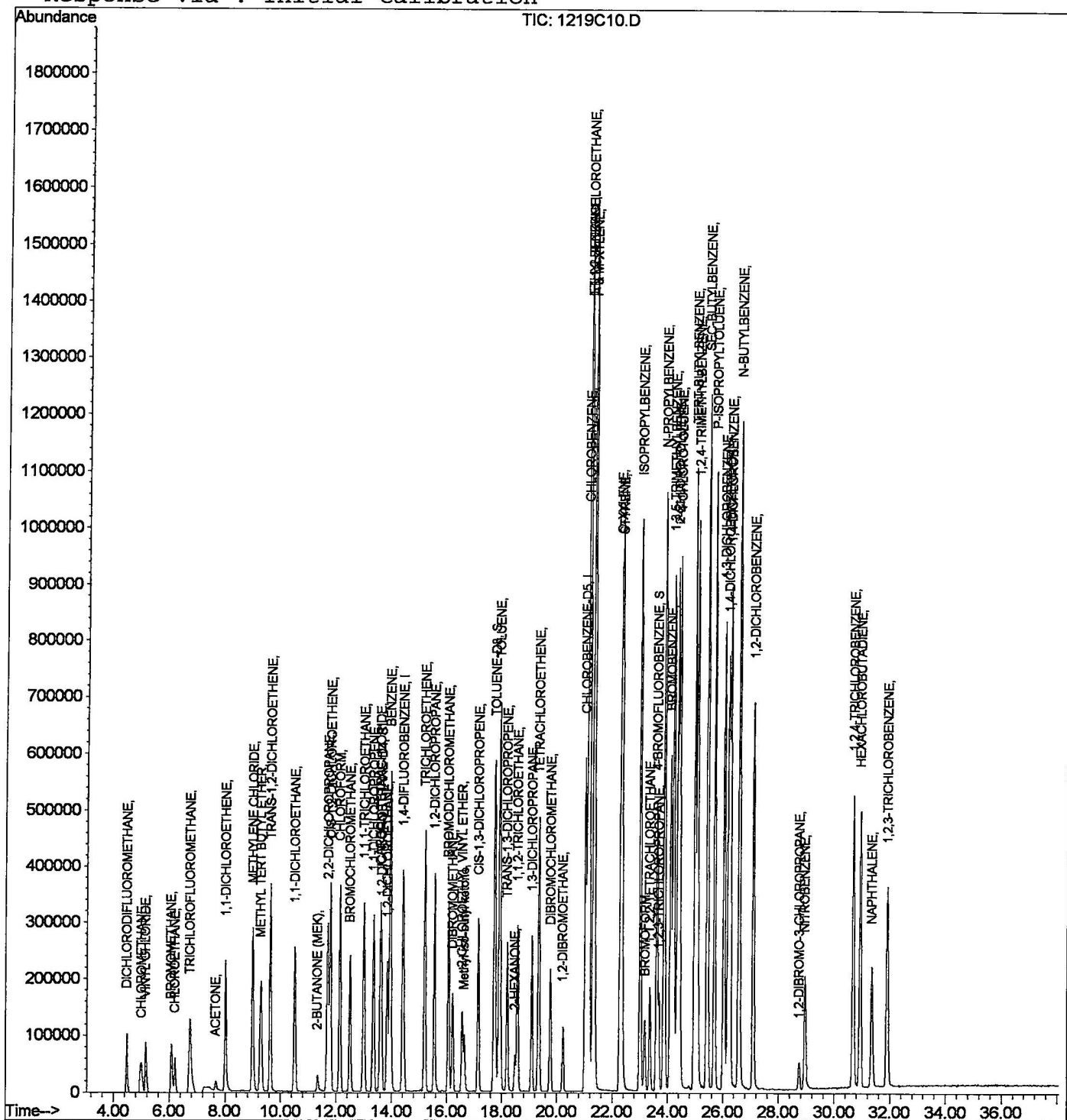
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\1219C10.D  
Acq On : 19 Dec 2001 11:04 am  
Sample : cal 10  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 19 11:42 2001

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

Quant Results File: HP121001.RES

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





User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 11:46:44

Sample: AD30111  
 Analysis: \$RE524 Reference recovery for 524  
 Units: ug  
 Started: 12/19/01 00:01 Ended: 12/19/01 00:01 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\1219r40.rr  
 Page: 1

|    | Component Name           | Viol | Result | Qualifier | MDL |
|----|--------------------------|------|--------|-----------|-----|
| 1  | 1,2-DICHLOROETHANE-D4    |      | 5.7    |           |     |
| 2  | 4-BROMOFLUOROBENZENE     |      | 6.2    |           |     |
| 3  | DICHLORODIFLUOROMETHAN   |      | 44     |           | .5  |
| 4  | CHLOROMETHANE            |      | 68     |           | .5  |
| 5  | VINYL CHLORIDE           |      | 56     |           | .5  |
| 6  | BROMOMETHANE             |      | 57     |           | .5  |
| 7  | CHLOROETHANE             |      | 57     |           | .5  |
| 8  | TRICHLOROFLUOROMETHAN    |      | 52     |           | .5  |
| 9  | ACETONE                  |      | 49     |           | .5  |
| 10 | 1,1-DICHLOROETHENE       |      | 52     |           | .5  |
| 11 | METHYLENE CHLORIDE       |      | 52     |           | .5  |
| 12 | METHYL TERT BUTYL ETHER  |      | 37     |           | 1   |
| 13 | TRANS-1,2-DICHLOROETHEN  |      | 52     |           | .5  |
| 14 | 1,1-DICHLOROETHANE       |      | 50     |           | .5  |
| 15 | 2-BUTANONE (MEK)         |      | 43     |           | .5  |
| 16 | 2,2-DICHLOROPROPANE      |      | 52     |           | .5  |
| 17 | CIS-1,2-DICHLOROETHENE   |      | 46     |           | .5  |
| 18 | CHLOROFORM               |      | 51     |           | .5  |
| 19 | BROMOCHLOROMETHANE       |      | 51     |           | .5  |
| 20 | 1,2-DICHLOROETHANE       |      | 49     |           | .5  |
| 21 | TOLUENE-D8               |      | 4.8    |           |     |
| 22 | 1,1,1-TRICHLOROETHANE    |      | 49     |           | .5  |
| 23 | 1,1-DICHLOROPROPENE      |      | 46     |           | .5  |
| 24 | CARBON TETRACHLORIDE     |      | 51     |           | .5  |
| 25 | BENZENE                  |      | 42     |           | .5  |
| 26 | TRICHLOROETHENE          |      | 44     |           | .5  |
| 27 | 1,2-DICHLOROPROPANE      |      | 42     |           | .5  |
| 28 | DIBROMOMETHANE           |      | 41     |           | .5  |
| 29 | BROMODICHLOROMETHANE     |      | 47     |           | .5  |
| 30 | 2-CHLOROETHYL VINYL ETHE |      | 36     |           | .5  |
| 31 | METHYL ISO-BUTYL KETONE  |      | 35     |           | 1   |
| 32 | CIS-1,3-DICHLOROPROPENE  |      | 44     |           | .5  |
| 33 | TOLUENE                  |      | 43     |           | .5  |
| 34 | TRANS-1,3-DICHLOROPROPE  |      | 43     |           | .5  |
| 35 | 1,1,2-TRICHLOROETHANE    |      | 44     |           | .5  |
| 36 | TETRACHLOROETHENE        |      | 45     |           | .5  |
| 37 | 1,3-DICHLOROPROPANE      |      | 46     |           | .5  |
| 38 | DIBROMOCHLOROMETHANE     |      | 46     |           | 2   |
| 39 | 1,2-DIBROMOETHANE        |      | 44     |           | .5  |
| 40 | CHLOROBENZENE            |      | 44     |           | .5  |
| 41 | 1,1,1,2-TETRACHLOROETHA  |      | 46     |           | .5  |
| 42 | 2-HEXANONE               |      | 47     |           | .5  |
| 43 | ETHYLBENZENE             |      | 46     |           | .5  |
| 44 | P & M-XYLENE             |      | 89     |           | .5  |
| 45 | O-XYLENE                 |      | 49     |           | .5  |
| 46 | STYRENE                  |      | 46     |           | .5  |
| 47 | 1,1,2,2-TETRACHLOROETHA  |      | 50     |           | .5  |
| 48 | BROMOFORM                |      | 44     |           | 2   |

User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 11:46:44

Sample: AD30111  
 Analysis: \$RE524 Reference recovery for 524  
 Units: ug  
 Started: 12/19/01 00:01 Ended: 12/19/01 00:01 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\1219r40.rr  
 Page: 2

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

User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 11:47:26

Sample: AD30111  
 Analysis: \$Q\_524 Volatile Organic Compounds-Reference Rec  
 Units: ug  
 Started: 12/20/01 11:47 Ended: 12/20/01 11:47 Analyst: BH  
 Result source: calculation  
 Page: 1

|    | Component Name             | Viol | Result | Qualifier | MDL |
|----|----------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE- |      | 5.7    |           | .5  |
| 2  | Surr - 4-BROMOFLUOROBENZ   |      | 6.2    |           | .5  |
| 3  | Dichlorodifluoromethane    |      | 110    |           | .5  |
| 4  |                            |      |        |           |     |
| 5  | Vinyl chloride             |      | 140    |           | .5  |
| 6  | Bromomethane               |      | 142.5  |           | .5  |
| 7  | Chloroethane               |      | 142.5  |           | .5  |
| 8  | Trichlorofluoromethane     |      | 130    |           | .5  |
| 9  | 1,1-Dichloroethene         |      | 130    |           | .5  |
| 10 | Methylene Chloride         |      | 130    |           | .5  |
| 11 | Methyl tert butyl ether    |      | 92.5   |           | 1.0 |
| 12 | trans-1,2-dichloroethene   |      | 130    |           | .5  |
| 13 | 1,1-dichloroethane         |      | 125    |           | .5  |
| 14 | 2-butanone (MEK)           |      | 107.5  |           | 2.0 |
| 15 | 2,2-dichloropropane        |      | 130    |           | .5  |
| 16 | cis-1,2-dichloroethene     |      | 115    |           | .5  |
| 17 | Chloroform                 |      | 127.5  |           | .5  |
| 18 | Bromochloromethane         |      | 127.5  |           | .5  |
| 19 | 1,2-dichloroethane         |      | 122.5  |           | .5  |
| 20 | Surr - TOLUENE-D8          |      | 4.8    |           | .5  |
| 21 | 1,1,1-trichloroethane      |      | 122.5  |           | .5  |
| 22 | 1,1-dichloropropene        |      | 115    |           | .5  |
| 23 | Carbon tetrachloride       |      | 127.5  |           | .5  |
| 24 | Benzene                    |      | 105    |           | .5  |
| 25 | Trichloroethene            |      | 110    |           | .5  |
| 26 | 1,2-dichloropropane        |      | 105    |           | .5  |
| 27 | Dibromomethane             |      | 102.5  |           | .5  |
| 28 | Bromodichloromethane       |      | 117.5  |           | .5  |
| 29 | Methyl iso-butyl ketone    |      | 87.5   |           | 1.0 |
| 30 | cis-1,3-dichloropropene    |      | 110    |           | .5  |
| 31 | Toluene                    |      | 107.5  |           | .5  |
| 32 | trans-1,3-dichloropropene  |      | 107.5  |           | .5  |
| 33 | 1,1,2-trichloroethane      |      | 110    |           | .5  |
| 34 | Tetrachloroethene          |      | 112.5  |           | .5  |
| 35 | 1,3-dichloropropane        |      | 115    |           | .5  |
| 36 | Dibromochloromethane       |      | 115    |           | 2.0 |
| 37 | Chlorobenzene              |      | 110    |           | .5  |
| 38 | 1,1,1,2-tetrachloroethane  |      | 115    |           | .5  |
| 39 | Ethylbenzene               |      | 115    |           | .5  |
| 40 | P & M-xylene               |      | 111.25 |           | .5  |
| 41 | O-xylene                   |      | 122.5  |           | .5  |
| 42 | Styrene                    |      | 115    |           | .5  |
| 43 | 1,1,2,2-tetrachloroethane  |      | 125    |           | .5  |
| 44 | Bromoform                  |      | 110    |           | 2.0 |
| 45 | Isopropylbenzene           |      | 100    |           | .5  |
| 46 | 1,2,3-trichloropropane     |      | 95     |           | .5  |
| 47 | N-propylbenzene            |      | 110    |           | .5  |
| 48 | Bromobenzene               |      | 97.5   |           | .5  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 11:47:26

Sample: AD30111  
Analysis: \$Q\_524 Volatile Organic Compounds-Reference Rec  
Units: ug  
Started: 12/20/01 11:47 Ended: 12/20/01 11:47 Analyst: BH  
Result source: calculation  
Page: 2

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

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec19\1219R40.D  
 Acq On : 19 Dec 2001 11:47 am  
 Sample : ref 40  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 12:26 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 : Wed Dec 19 08:54:09 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  | 738819   | 5.00  | ug/L    | 0.08      |
| 22) CHLOROBENZENE-D5          | 21.03 | 117  | 781602   | 5.00  | ug/L    | 0.07      |
| 50) 1,4-DICHLOROBENZENE-D4    | 26.19 | 152  | 530996   | 5.00  | ug/L    | 0.08      |
| System Monitoring Compounds   |       |      |          |       |         |           |
| 2) 1,2-DICHLOROETHANE-D4      | 13.65 | 65   | 275459   | 5.66  | ug/L    | 0.07      |
| Spiked Amount 5.000           |       |      | Recovery | =     | 113.20% |           |
| 3) 4-BROMOFLUOROBENZENE       | 23.60 | 174  | 350805   | 6.19  | ug/L    | 0.07      |
| Spiked Amount 5.000           |       |      | Recovery | =     | 123.80% |           |
| 23) TOLUENE-D8                | 17.74 | 98   | 991923   | 4.79  | ug/L    | 0.07      |
| Spiked Amount 5.000           |       |      | Recovery | =     | 95.80%  |           |
| Target Compounds              |       |      |          |       |         |           |
| 4) DICHLORODIFLUOROMETHANE    | 4.48  | 85   | 1049035  | 43.51 | ug/L    | Qvalue 99 |
| 5) CHLOROMETHANE              | 4.99  | 50   | 1026289  | 68.46 | ug/L    | 96        |
| 6) VINYL CHLORIDE             | 5.14  | 62   | 829794   | 55.66 | ug/L    | 94        |
| 7) BROMOMETHANE               | 6.08  | 94   | 739671   | 56.72 | ug/L    | 97        |
| 8) CHLOROETHANE               | 6.21  | 64   | 584892   | 57.22 | ug/L    | 98        |
| 9) TRICHLOROFLUOROMETHANE     | 6.75  | 101  | 1684175  | 52.04 | ug/L    | 98        |
| 10) ACETONE                   | 7.67  | 43   | 241694   | 48.77 | ug/L    | 98        |
| 11) 1,1-DICHLOROETHENE        | 8.03  | 61   | 2197169  | 52.33 | ug/L    | 95        |
| 12) METHYLENE CHLORIDE        | 9.00  | 49   | 2122521  | 52.15 | ug/L    | 94        |
| 13) METHYL TERT BUTYL ETHER   | 9.28  | 73   | 1985704  | 36.97 | ug/L    | 99        |
| 14) TRANS-1,2-DICHLOROETHENE  | 9.65  | 61   | 2345911  | 51.52 | ug/L    | 91        |
| 15) 1,1-DICHLOROETHANE        | 10.52 | 63   | 2835263  | 49.92 | ug/L    | 99        |
| 16) 2-BUTANONE (MEK)          | 11.34 | 43   | 377542   | 43.12 | ug/L    | 96        |
| 17) 2,2-DICHLOROPROPANE       | 11.71 | 77   | 2411646  | 51.53 | ug/L    | 98        |
| 18) CIS-1,2-DICHLOROETHENE    | 11.81 | 96   | 1479418  | 46.49 | ug/L    | 93        |
| 19) CHLOROFORM                | 12.16 | 83   | 2763908  | 50.99 | ug/L    | 99        |
| 20) BROMOCHLOROMETHANE        | 12.51 | 49   | 1309116  | 50.90 | ug/L    | 99        |
| 21) 1,2-DICHLOROETHANE        | 13.86 | 62   | 1800944  | 49.38 | ug/L    | 99        |
| 24) 1,1,1-TRICHLOROETHANE     | 13.02 | 97   | 2346410  | 48.87 | ug/L    | 98        |
| 25) 1,1-DICHLOROPROPENE       | 13.37 | 75   | 2181252  | 46.04 | ug/L    | 99        |
| 26) CARBON TETRACHLORIDE      | 13.60 | 117  | 2067782  | 50.64 | ug/L    | 99        |
| 27) BENZENE                   | 13.96 | 78   | 5833104  | 42.36 | ug/L    | 98        |
| 28) TRICHLOROETHENE           | 15.22 | 95   | 1621873  | 43.96 | ug/L    | 98        |
| 29) 1,2-DICHLOROPROPANE       | 15.56 | 63   | 1606767  | 41.89 | ug/L    | 100       |
| 30) DIBROMOMETHANE            | 16.23 | 174  | 554611   | 40.62 | ug/L    | 95        |
| 31) BROMODICHLOROMETHANE      | 16.07 | 83   | 2072639  | 46.89 | ug/L    | 99        |
| 32) 2-CHLOROETHYL VINYL ETHER | 16.57 | 63   | 512274   | 35.96 | ug/L    | 98        |
| 33) Methyl iso-butyl ketone   | 16.64 | 58   | 254463   | 34.73 | ug/L    | 96        |

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

1219R40.D HP121001.M Wed Dec 19 12:26:31 2001

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec19\1219R40.D  
 Acq On : 19 Dec 2001 11:47 am  
 Sample : ref 40  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 12:26 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 : Wed Dec 19 08:54:09 2001  
 Response via : Initial Calibration  
 DataAcq Meth : HP121001

| Compound                       | R.T.  | QIon | Response | Conc   | Unit | Qvalue |
|--------------------------------|-------|------|----------|--------|------|--------|
| 34) CIS-1,3-DICHLOROPROPENE    | 17.16 | 75   | 2428640  | 43.88  | ug/L | 99     |
| 35) TOLUENE                    | 17.93 | 91   | 6699931  | 43.11  | ug/L | 99     |
| 36) TRANS-1,3-DICHLOROPROPENE  | 18.20 | 75   | 1862462  | 43.33  | ug/L | 100    |
| 37) 1,1,2-TRICHLOROETHANE      | 18.58 | 97   | 927771   | 43.58  | ug/L | 98     |
| 38) TETRACHLOROETHENE          | 19.36 | 166  | 1639962  | 44.75  | ug/L | 99     |
| 39) 1,3-DICHLOROPROPANE        | 19.11 | 76   | 1899549  | 46.20  | ug/L | 100    |
| 40) DIBROMOCHLOROMETHANE       | 19.79 | 129  | 1194298  | 46.16  | ug/L | 99     |
| 41) 1,2-DIBROMOETHANE          | 20.23 | 107  | 881468   | 43.50  | ug/L | 99     |
| 42) CHLOROBENZENE              | 21.12 | 112  | 4528868  | 43.81  | ug/L | 99     |
| 43) 1,1,1,2-TETRACHLOROETHANE  | 21.15 | 131  | 1550632  | 46.01  | ug/L | 97     |
| 44) 2-HEXANONE                 | 18.49 | 43   | 578273   | 47.25  | ug/L | 97     |
| 45) ETHYLBENZENE               | 21.17 | 91   | 8785862  | 45.90  | ug/L | 97     |
| 46) P & M-XYLENE               | 21.32 | 106  | 6369333  | 88.56  | ug/L | 94     |
| 47) O-XYLENE                   | 22.29 | 91   | 7459043  | 48.89  | ug/L | 98     |
| 48) STYRENE                    | 22.34 | 104  | 5515171  | 46.48  | ug/L | 99     |
| 49) 1,1,2,2-TETRACHLOROETHANE  | 23.37 | 83   | 1140562  | 50.09  | ug/L | 100    |
| 51) BROMOFORM                  | 23.18 | 173  | 712392   | 44.38  | ug/L | 99     |
| 52) ISOPROPYLBENZENE           | 23.01 | 105  | 9208951  | 39.71  | ug/L | 100    |
| 53) 1,2,3-TRICHLOROPROPANE     | 23.69 | 110  | 321776   | 38.05  | ug/L | 97     |
| 54) N-PROPYLBENZENE            | 23.88 | 91   | 13126782 | 43.65  | ug/L | 98     |
| 55) BROMOBENZENE               | 24.10 | 156  | 1948120  | 39.43  | ug/L | 99     |
| 56) 1,3,5-TRIMETHYLBENZENE     | 24.20 | 105  | 8050122  | 40.19  | ug/L | 98     |
| 57) 2-CHLOROTOLUENE            | 24.35 | 91   | 7802218  | 40.91  | ug/L | 99     |
| 58) 4-CHLOROTOLUENE            | 24.42 | 91   | 7767688  | 45.49  | ug/L | 98     |
| 59) TERT-BUTYLBENZENE          | 24.98 | 134  | 1767081  | 41.30  | ug/L | 97     |
| 60) 1,2,4-TRIMETHYLBENZENE     | 25.09 | 105  | 8641552  | 41.56  | ug/L | 98     |
| 61) SEC-BUTYLBENZENE           | 25.44 | 105  | 11944109 | 42.82  | ug/L | 99     |
| 62) P-ISOPROPYLTOLUENE         | 25.70 | 119  | 9147364  | 40.84  | ug/L | 100    |
| 63) 1,3-DICHLOROBENZENE        | 26.04 | 146  | 4449276  | 41.67  | ug/L | 99     |
| 64) 1,4-DICHLOROBENZENE        | 26.26 | 146  | 4530207  | 42.41  | ug/L | 98     |
| 65) N-BUTYLBENZENE             | 26.59 | 91   | 9747197  | 45.49  | ug/L | 97     |
| 66) 1,2-DICHLOROBENZENE        | 27.10 | 146  | 3770887  | 42.78  | ug/L | 99     |
| 67) 1,2-DIBROMO-3-CHLOROPROPAN | 28.75 | 157  | 190162   | 42.21  | ug/L | 96     |
| 68) NITROBENZENE               | 28.94 | 77   | 1566144  | 843.39 | ug/L | 96     |
| 69) 1,2,4-TRICHLOROBENZENE     | 30.69 | 180  | 2131445  | 43.63  | ug/L | 99     |
| 70) HEXACHLOROBUTADIENE        | 30.93 | 225  | 1255852  | 42.31  | ug/L | 99     |
| 71) NAPHTHALENE                | 31.36 | 128  | 2260881  | 41.99  | ug/L | 98     |
| 72) 1,2,3-TRICHLOROBENZENE     | 31.92 | 180  | 1528929  | 42.64  | ug/L | 99     |

(#) = qualifier out of range (m) = manual integration  
 1219R40.D HP121001.M Wed Dec 19 12:26:33 2001

Page 2

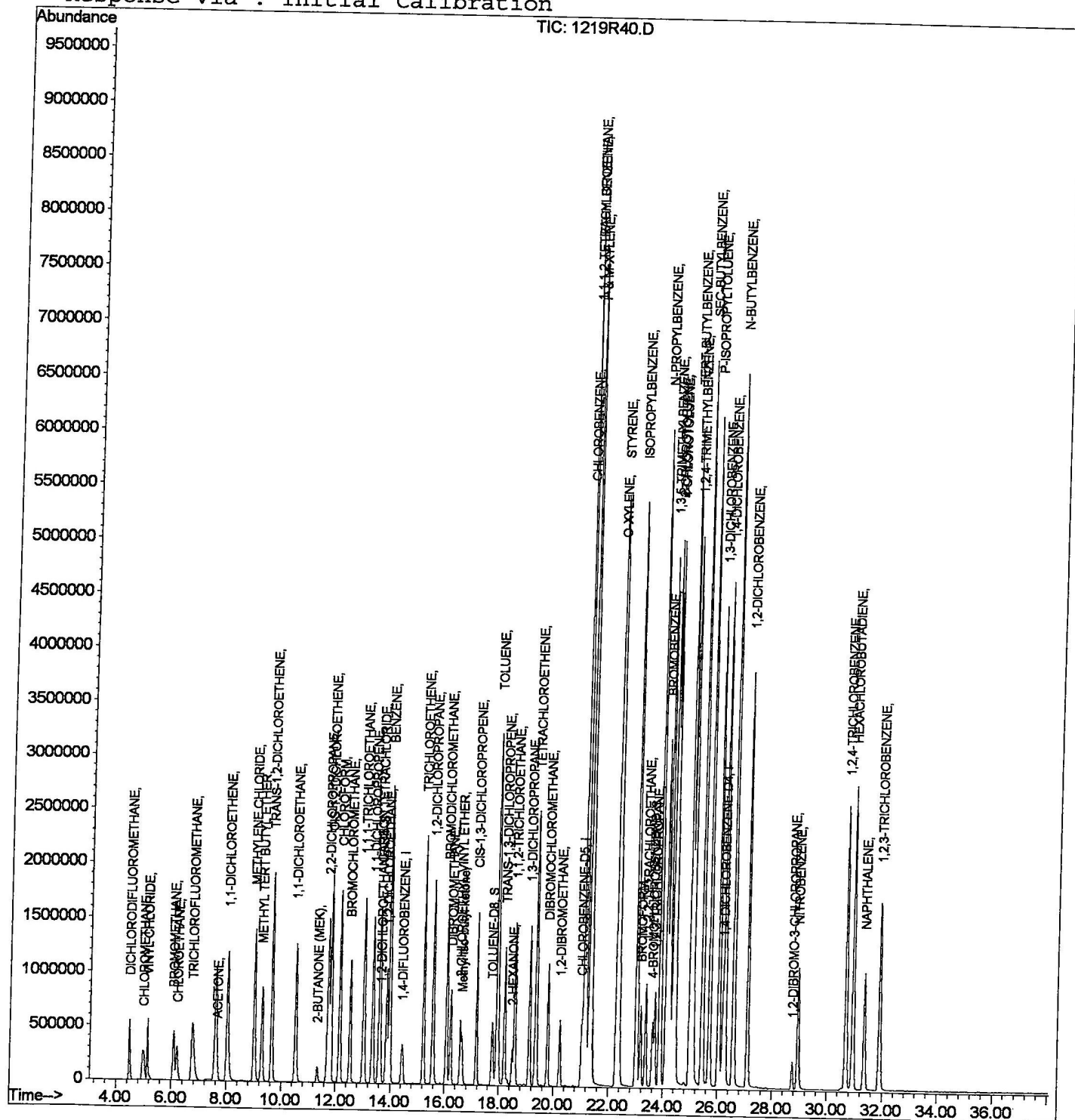
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\1219R40.D  
Acq On : 19 Dec 2001 11:47 am  
Sample : ref 40  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 19 12:26 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



1219R40.D HP121001.M

Wed Dec 19 12:26:40 2001

Page 3



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 11:48:55

Sample: AD30111

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/19/01 00:03 Ended: 12/19/01 00:03 Analyst: BH

Result source: m:\instruments\206\rrfiles\30111.rr

Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.3    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 3.8    |           | 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 AV  
 DATE 12/21/01



User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 11:48:55

Sample: AD30111  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/19/01 00:03 Ended: 12/19/01 00:03 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30111.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\01dec19\30111.D  
 Acq On : 19 Dec 2001 3:43 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 16:22 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 : Wed Dec 19 08:54:09 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  | 710800   | 5.00 | ug/L    | 0.08       |
| 22) CHLOROBENZENE-D5         | 21.03 | 117  | 671421   | 5.00 | ug/L    | 0.07       |
| 50) 1,4-DICHLOROBENZENE-D4   | 26.19 | 152  | 292797   | 5.00 | ug/L    | 0.08       |
| System Monitoring Compounds  |       |      |          |      |         |            |
| 2) 1,2-DICHLOROETHANE-D4     | 13.65 | 65   | 248042   | 5.30 | ug/L    | 0.07       |
| Spiked Amount 5.000          |       |      | Recovery | =    | 106.00% |            |
| 3) 4-BROMOFLUOROBENZENE      | 23.60 | 174  | 208789   | 3.83 | ug/L    | 0.07       |
| Spiked Amount 5.000          |       |      | Recovery | =    | 76.60%  |            |
| 23) TOLUENE-D8               | 17.76 | 98   | 917082   | 5.15 | ug/L    | 0.08       |
| Spiked Amount 5.000          |       |      | Recovery | =    | 103.00% |            |
| Target Compounds             |       |      |          |      |         |            |
| 10) ACETONE                  | 7.67  | 43   | 24945    | 5.23 | ug/L    | Qvalue 100 |
| 16) 2-BUTANONE (MEK)         | 11.39 | 43   | 3537     | 0.42 | ug/L    | 64         |
| { 69) 1,2,4-TRICHLOROBENZENE | 30.69 | 180  | 4843     | 0.18 | ug/L    | 85         |
| { 70) HEXACHLOROBUTADIENE    | 30.93 | 225  | 4216     | 0.26 | ug/L    | 96         |
| { 72) 1,2,3-TRICHLOROBENZENE | 31.94 | 180  | 6809     | 0.34 | ug/L    | 93         |

*Carry over  
from reference*

(#) = qualifier out of range (m) = manual integration  
 30111.D HP121001.M Wed Dec 19 16:22:25 2001

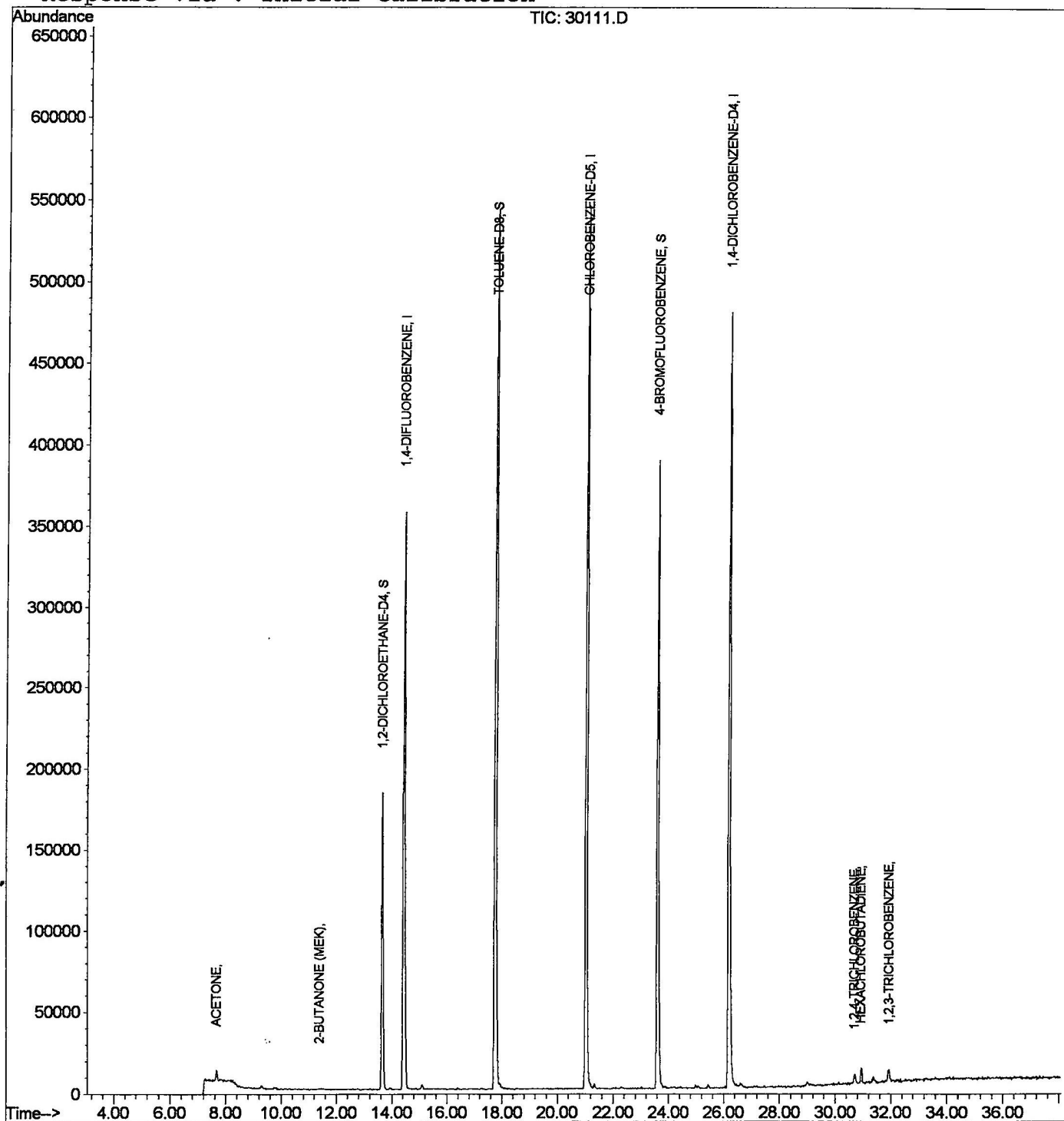
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30111.D  
Acq On : 19 Dec 2001 3:43 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 19 16:22 2001

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

Quant Results File: HP121001.RES

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



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30111.D

Acq On : 19 Dec 2001 3:43 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)

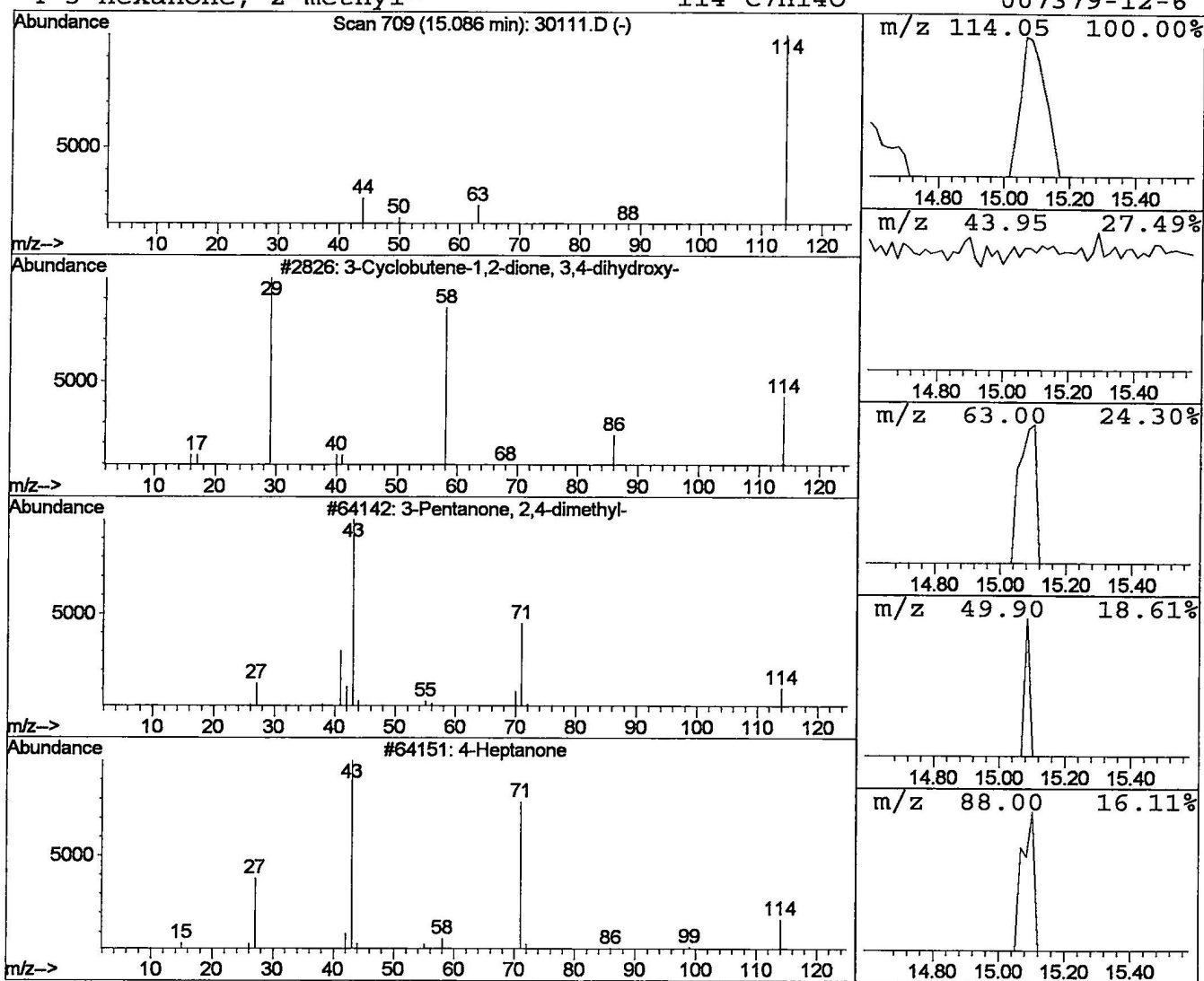
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

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

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.09 | 0.04 ug/L | 14618 | 1,4-DIFLUOROBENZENE | 14.44 |

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



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30111.D  
 Acq On : 19 Dec 2001 3:43 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

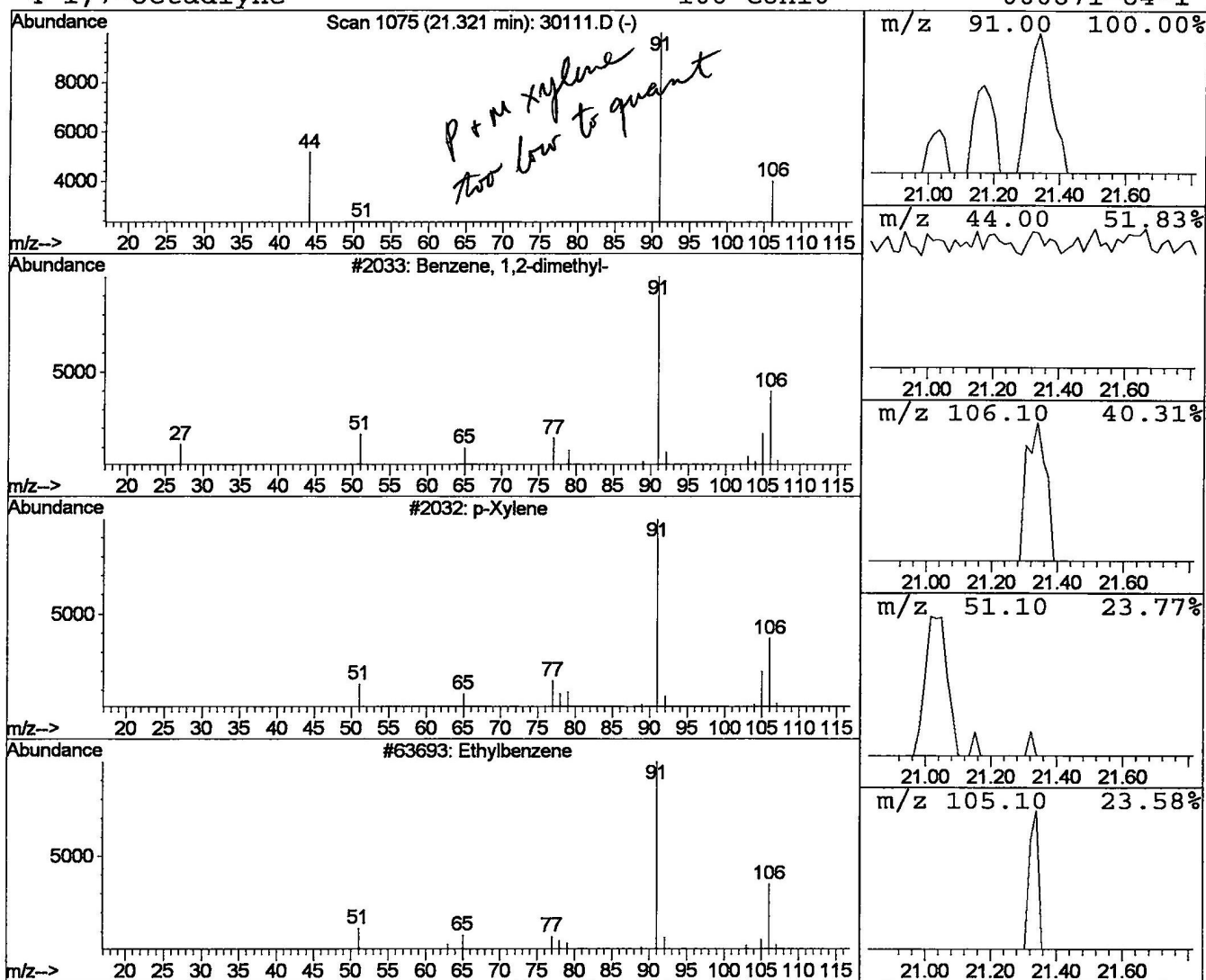
Vial: 6  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 2 Benzene, 1,2-dimethyl- Concentration Rank 4

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.  |
|-------|-----------|-------|------------------|-------|
| 21.32 | 0.03 ug/L | 12222 | CHLOROBENZENE-D5 | 21.03 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2-dimethyl- | 106 | C8H10   | 000095-47-6 | 38   |
| 2    |    | p-Xylene               | 106 | C8H10   | 000106-42-3 | 7    |
| 3    |    | Ethylbenzene           | 106 | C8H10   | 000100-41-4 | 4    |
| 4    |    | 1,7-Octadiyne          | 106 | C8H10   | 000871-84-1 | 2    |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30111.D  
 Acq On : 19 Dec 2001 3:43 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

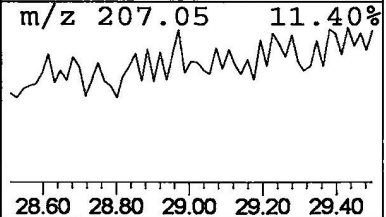
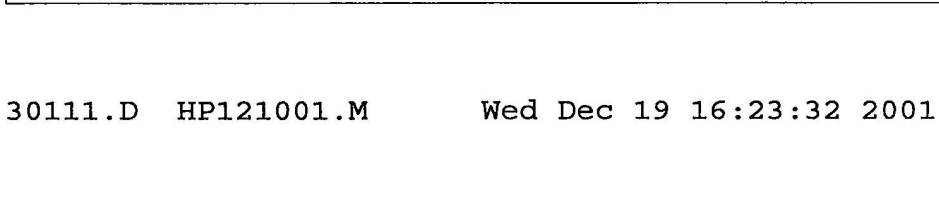
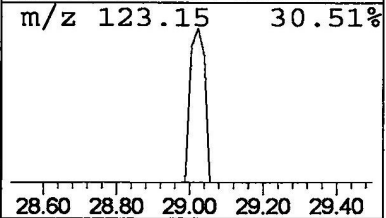
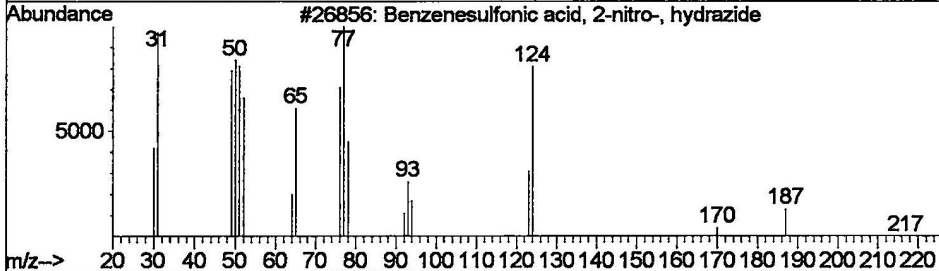
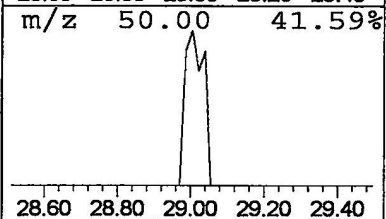
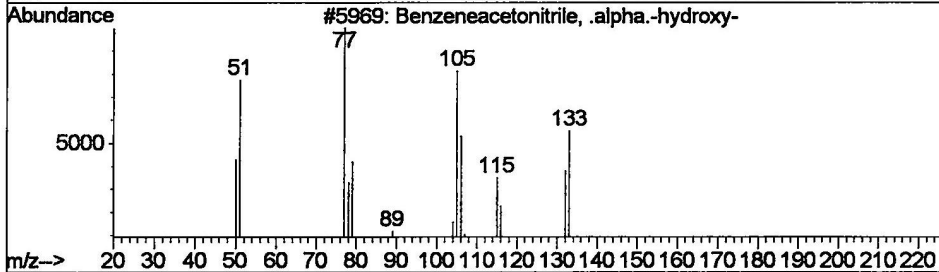
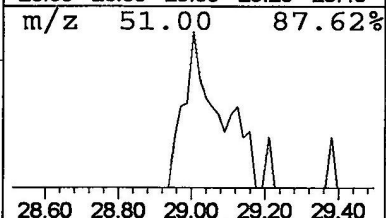
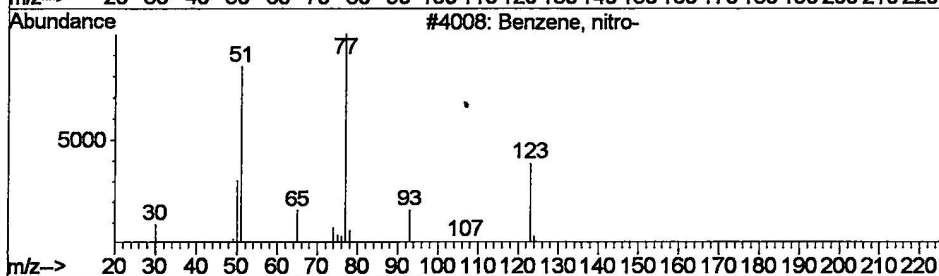
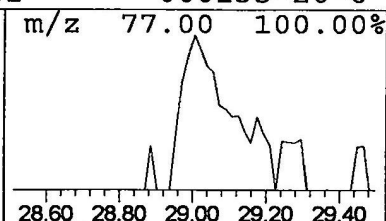
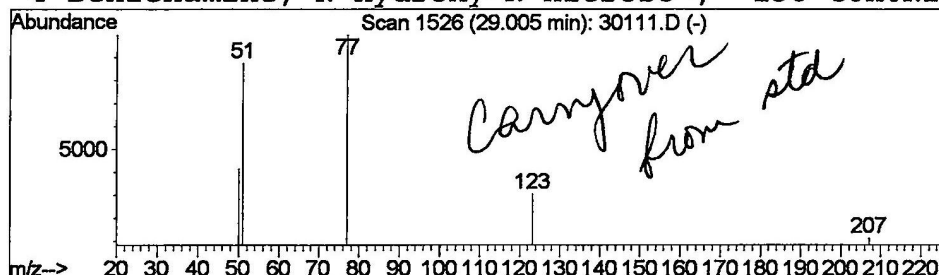
Vial: 6  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 3 Benzene, nitro- Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 29.01 | 0.03 ug/L | 11884 | 1,4-DICHLOROBENZENE-D4 | 26.19 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|---------|---|-------------------------------------|-----|-----------|-------------|------|
| 1       |   | Benzene, nitro-                     | 123 | C6H5NO2   | 000098-95-3 | 59   |
| 2       |   | Benzeneacetonitrile, .alpha.-hydrox | 133 | C8H7NO    | 000532-28-5 | 9    |
| 3       |   | Benzenesulfonic acid, 2-nitro-, hyd | 217 | C6H7N3O4S | 005906-99-0 | 9    |
| 4       |   | Benzenamine, N-hydroxy-N-nitroso-,  | 138 | C6H6N2O2  | 000135-20-6 | 9    |



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30111.D  
 Acq On : 19 Dec 2001 3:43 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

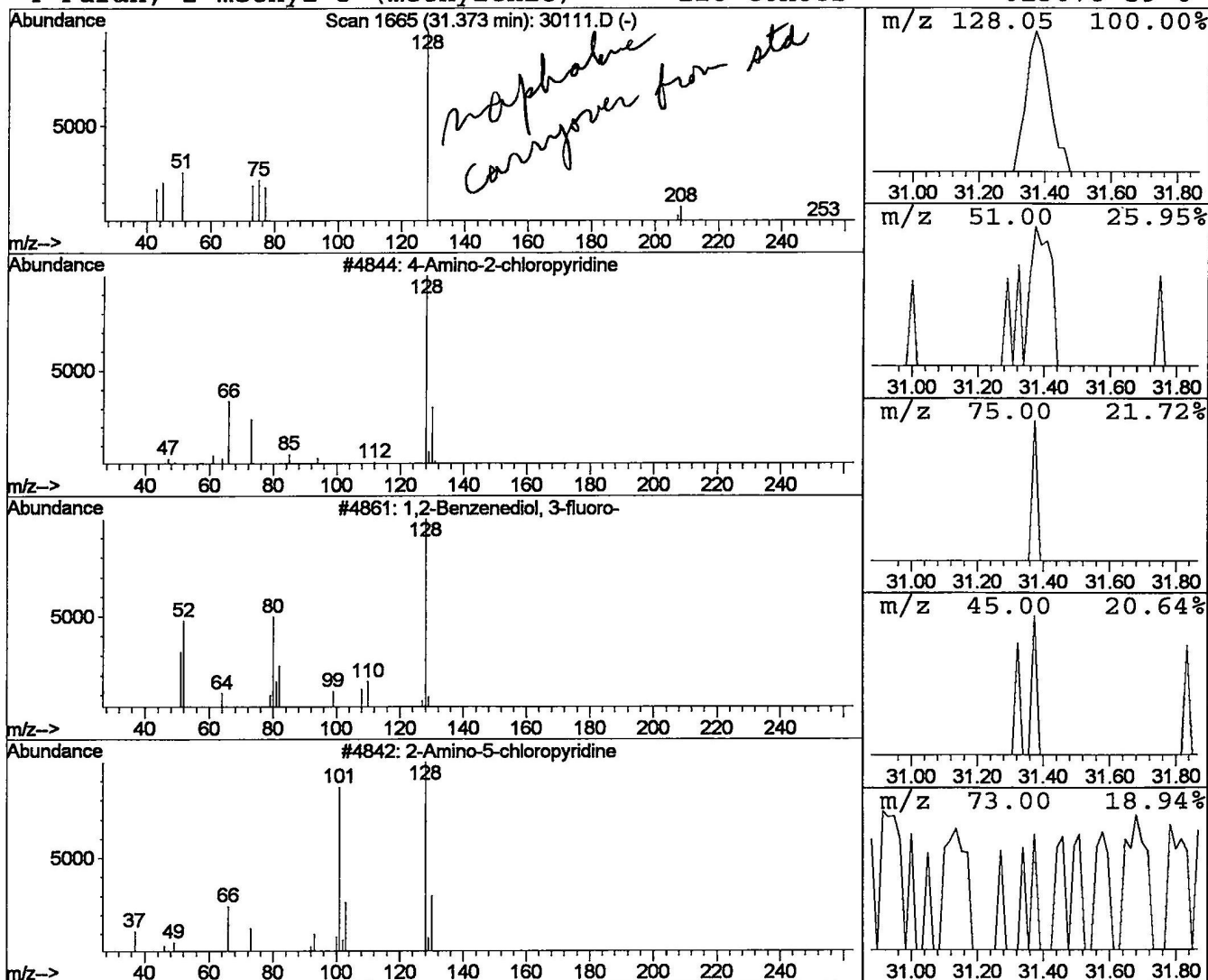
Vial: 6  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 4 4-Amino-2-chloropyridine Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 31.37 | 0.05 ug/L | 18924 | 1,4-DICHLOROBENZENE-D4 | 26.19 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------------|-----|----------|-------------|------|
| 1    |    |   | 4-Amino-2-chloropyridine        | 128 | C5H5ClN2 | 014432-12-3 | 5    |
| 2    |    |   | 1,2-Benzenediol, 3-fluoro-      | 128 | C6H5FO2  | 000363-52-0 | 4    |
| 3    |    |   | 2-Amino-5-chloropyridine        | 128 | C5H5ClN2 | 001072-98-6 | 4    |
| 4    |    |   | Furan, 2-methyl-5-(methylthio)- | 128 | C6H8OS   | 013678-59-6 | 4    |





User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 12:13:35

Sample: AD30112  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/19/01 00:04 Ended: 12/19/01 00:04 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30112.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.6    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 3.9    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-DB              |      | 5.1    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

REVIEWED BY AV  
 DATE 12/24/01

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 12:13:35

Sample: AD30112

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/19/01 00:04 Ended: 12/19/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\30112.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\01dec19\30112.D

Vial: 7

Acq On : 19 Dec 2001 4:27 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 19 17:05 2001

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

Last Update : Wed Dec 19 08:54:09 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  | 699053   | 5.00 | ug/L    | 0.08      |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 663969   | 5.00 | ug/L    | 0.08      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 287018   | 5.00 | ug/L    | 0.08      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 258122   | 5.61 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 112.20% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 210063   | 3.92 | ug/L    | 0.08      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 78.40%  |           |
| 23) TOLUENE-D8              | 17.76 | 98   | 902030   | 5.12 | ug/L    | 0.08      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 102.40% |           |
| Target Compounds            |       |      |          |      |         |           |
| 10) ACETONE                 | 7.69  | 43   | 11869    | 2.53 | ug/L    | Qvalue 90 |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 2154     | 0.26 | ug/L    | 64        |

-----

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

30112.D HP121001.M Wed Dec 19 17:05:43 2001

Page 1

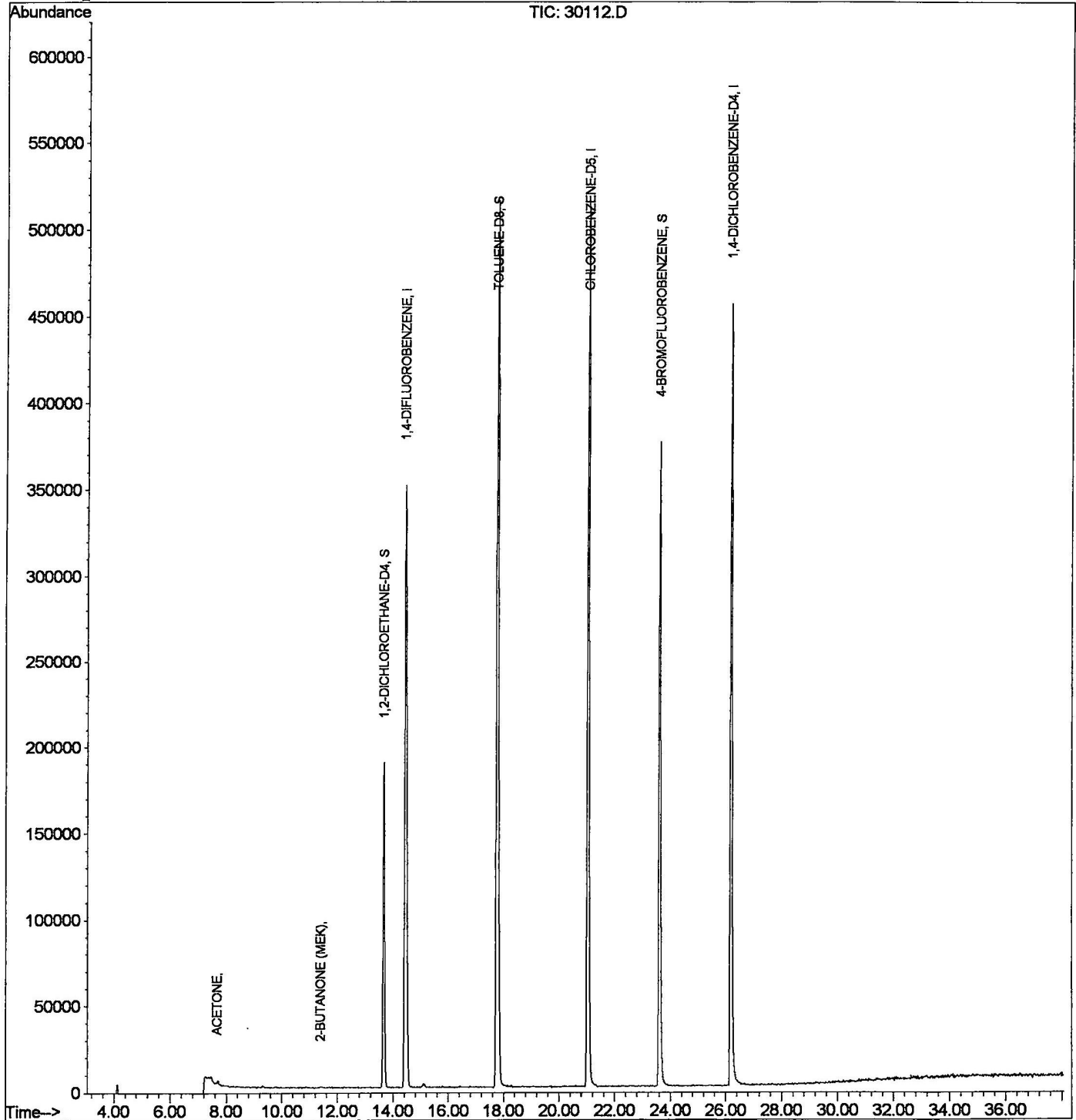
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30112.D  
 Acq On : 19 Dec 2001 4:27 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 17:05 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\01dec19\30112.D  
 Acq On : 19 Dec 2001 4:27 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

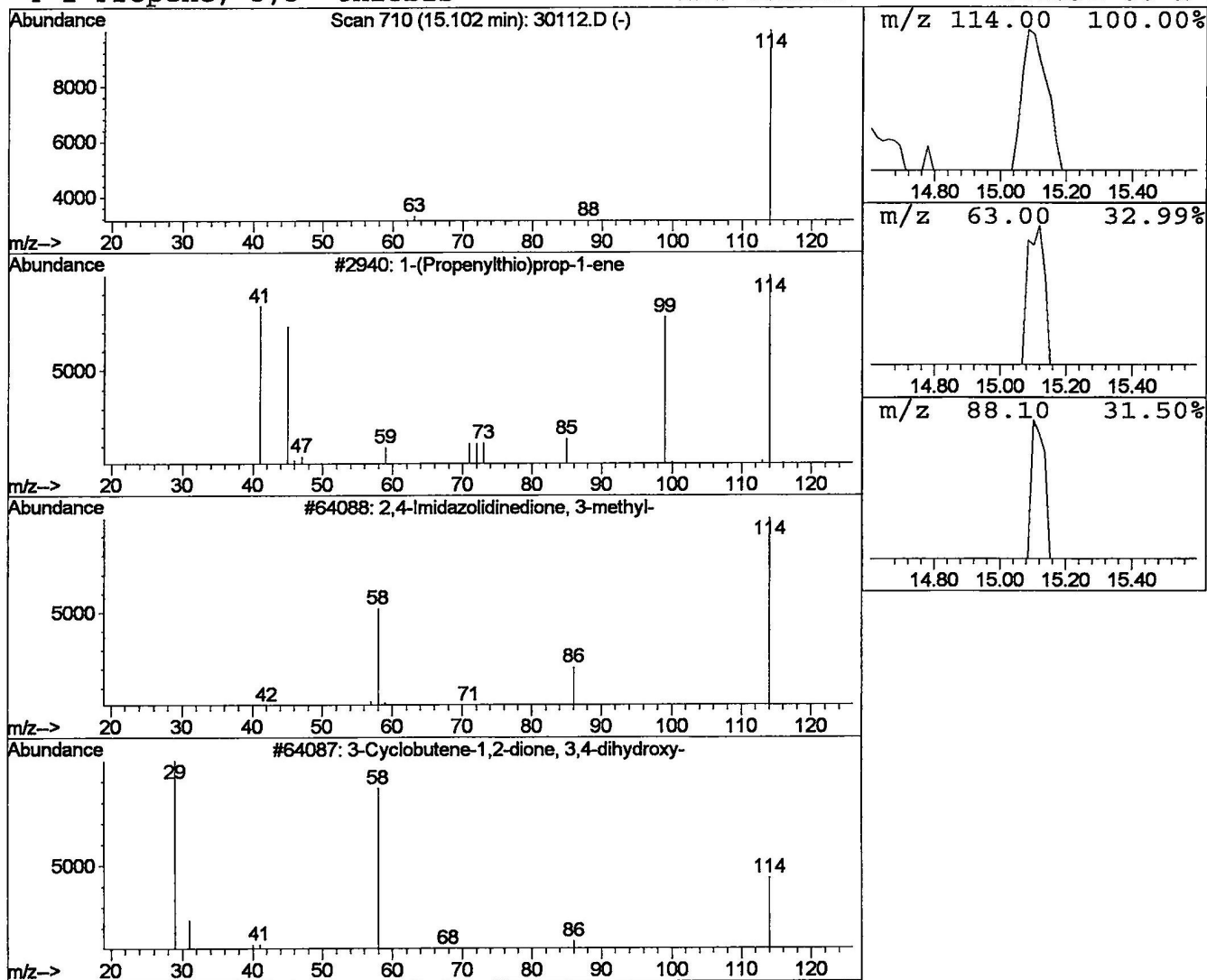
Vial: 7  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 3 1-(Propenylthio)prop-1-ene Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.10 | 0.03 ug/L | 11152 | 1,4-DIFLUOROBENZENE | 14.44 |

| 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    |    |   | 3-Cyclobutene-1,2-dione, 3,4-dihydr | 114 | C4H2O4   | 002892-51-5 | 2    |
| 4    |    |   | 1-Propene, 3,3'-thiobis-            | 114 | C6H10S   | 000592-88-1 | 2    |



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 12:15:37

Sample: AD30113

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/19/01 00:05 Ended: 12/19/01 00:05 Analyst: BH

Result source: m:\instruments\206\rrfiles\30113.rr

Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.7    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 3.9    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.2    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

REVIEWED BY PV  
 DATE 12/21/01

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 12:15:37

Sample: AD30113  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/19/01 00:05 Ended: 12/19/01 00:05 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30113.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\01dec19\30113.D  
 Acq On : 19 Dec 2001 5:10 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 17:49 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 : Wed Dec 19 08:54:09 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  | 636451   | 5.00 | ug/L    | 0.09     |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 607343   | 5.00 | ug/L    | 0.09     |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 271886   | 5.00 | ug/L    | 0.09     |
| System Monitoring Compounds |       |      |          |      |         |          |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 239766   | 5.72 | ug/L    | 0.09     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 114.40% |          |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 192420   | 3.94 | ug/L    | 0.09     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 78.80%  |          |
| 23) TOLUENE-D8              | 17.76 | 98   | 835349   | 5.19 | ug/L    | 0.09     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 103.80% |          |
| Target Compounds            |       |      |          |      |         | Qvalue   |
| 10) ACETONE                 | 7.71  | 43   | 27839    | 6.52 | ug/L    | 97       |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 2647     | 0.35 | ug/L    | 64       |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30113.D HP121001.M Wed Dec 19 17:49:09 2001



## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30113.D

Acq On : 19 Dec 2001 5:10 pm

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Quant Time: Dec 19 17:49 2001

Vial: 8

Operator: 206-BH

Inst : GC/MS Ins

Multiplr: 1.00

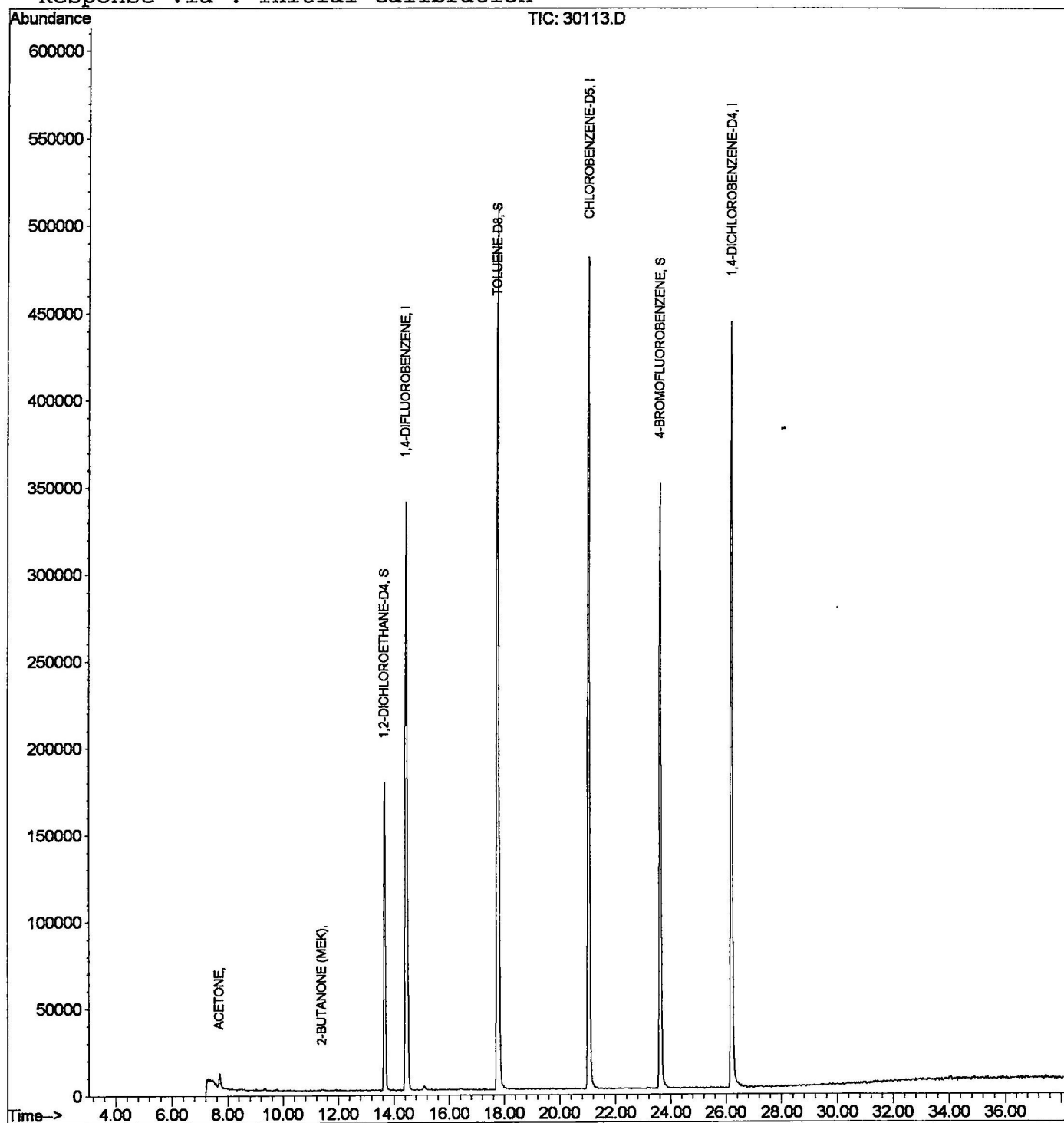
Quant Results File: HP121001.RES

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



30113.D HP121001.M

Wed Dec 19 17:49:12 2001

Page 2

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30113.D  
 Acq On : 19 Dec 2001 5:10 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

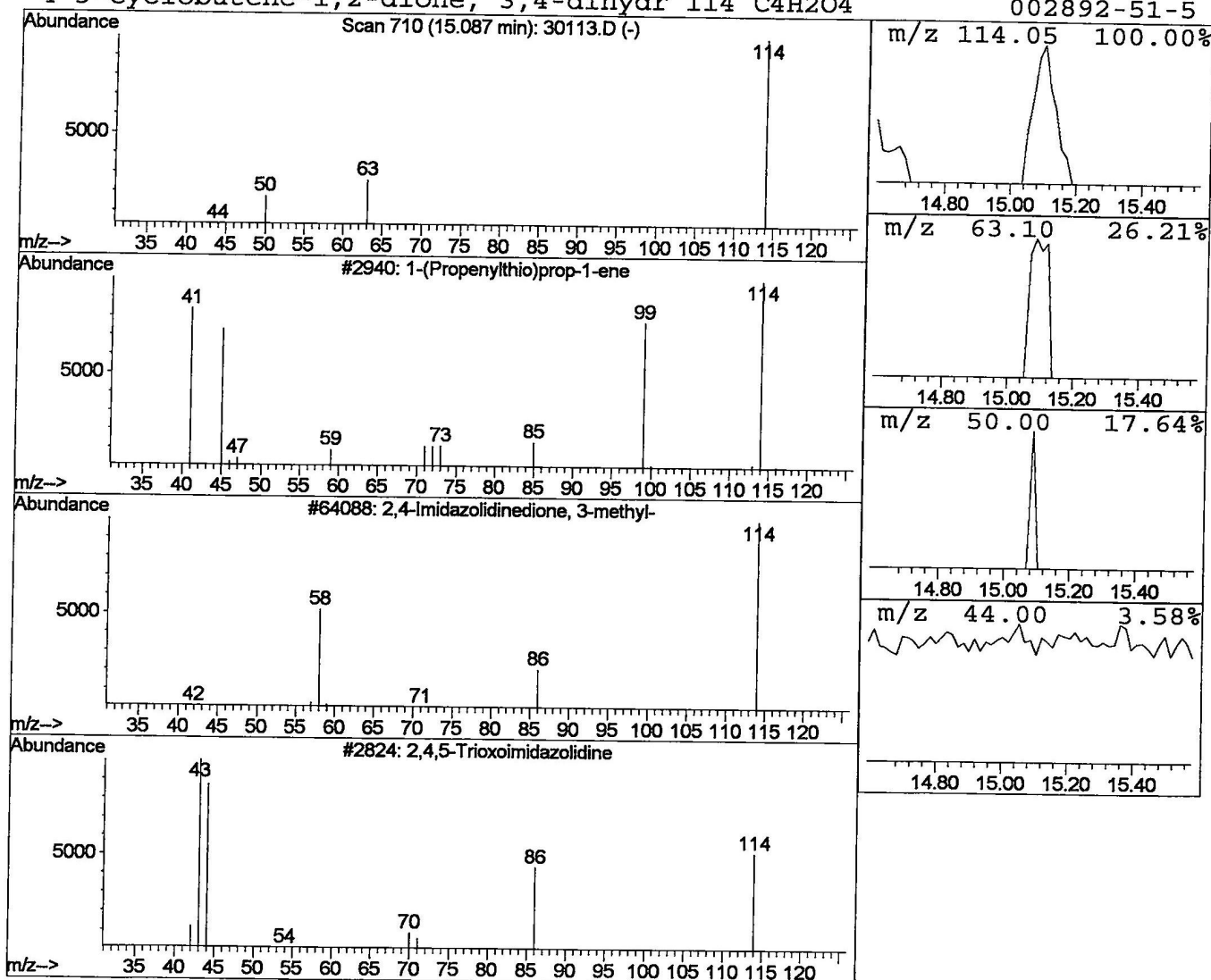
Vial: 8  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.09 | 0.03 ug/L | 10428 | 1,4-DIFLUOROBENZENE | 14.44 |

| 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: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 12:17:21

Sample: AD30115  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/19/01 00:05 Ended: 12/19/01 00:05 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30115.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.8    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 3.9    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.3    |           | 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 PN  
 DATE 12/21/01

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 12:17:21

Sample: AD30115  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/19/01 00:05 Ended: 12/19/01 00:05 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30115.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\01dec19\30115.D  
 Acq On : 19 Dec 2001 5:53 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 18:32 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 : Wed Dec 19 08:54:09 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  | 609254   | 5.00 | ug/L    | 0.09      |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 565724   | 5.00 | ug/L    | 0.07      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 253879   | 5.00 | ug/L    | 0.10      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 233674   | 5.82 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 116.40% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 181579   | 3.88 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 77.60%  |           |
| 23) TOLUENE-D8              | 17.76 | 98   | 801298   | 5.34 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 106.80% |           |
| Target Compounds            |       |      |          |      |         | Qvalue    |
| 10) ACETONE                 | 7.71  | 43   | 8955     | 2.19 | ug/L    | 90        |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 2474     | 0.34 | ug/L    | 64        |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30115.D HP121001.M Wed Dec 19 18:32:38 2001

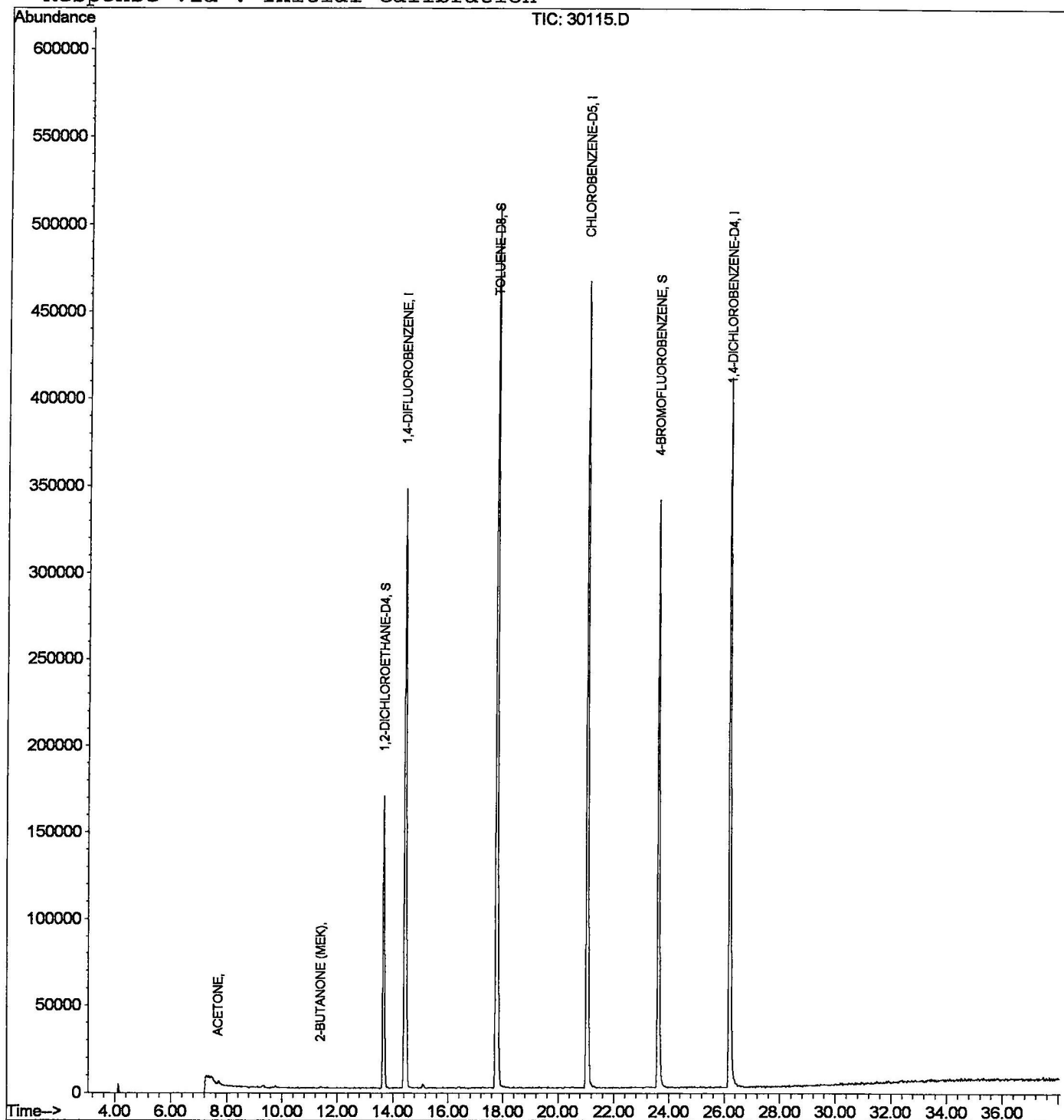
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30115.D  
Acq On : 19 Dec 2001 5:53 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 19 18:32 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\01dec19\30115.D

Acq On : 19 Dec 2001 5:53 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)

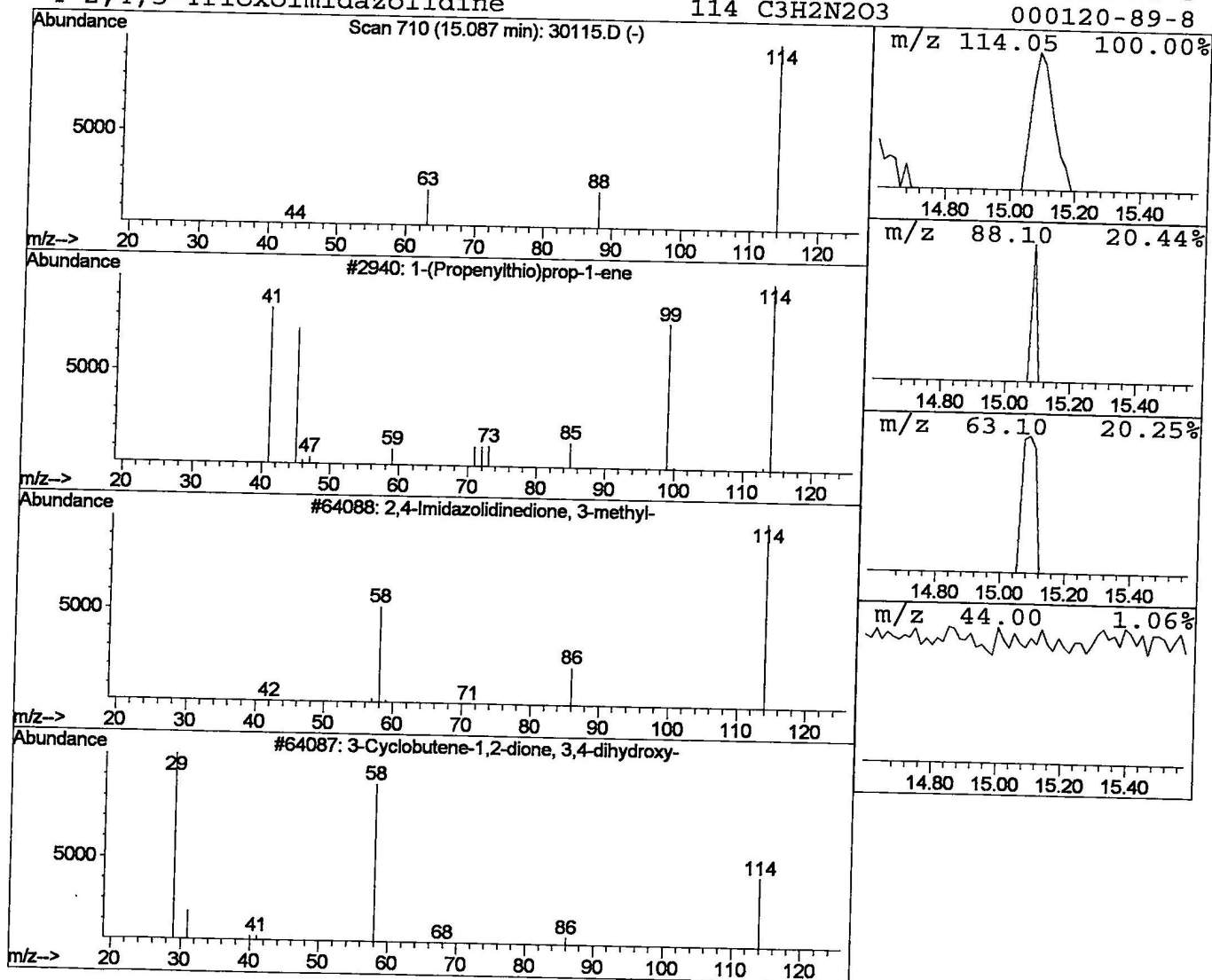
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
Peak Number 3 1-(Propenylthio)prop-1-ene Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.09 | 0.04 ug/L | 11447 | 1,4-DIFLUOROBENZENE | 14.44 |

| 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    |    |   | 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: 12/20/2001 Time: 13:31:26

Sample: AD30116

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/19/01 00:06 Ended: 12/19/01 00:06 Analyst: BH

Result source: m:\instruments\206\rrfiles\30116.rr

Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.9    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 3.8    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-DB              |      | 5.1    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

REVIEWED BY *AV*  
 DATE *12/21/01*



User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 13:31:26

Sample: AD30116  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/19/01 00:06 Ended: 12/19/01 00:06 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30116.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\01dec19\30116.D  
 Acq On : 19 Dec 2001 6:37 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 19:15 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 : Wed Dec 19 08:54:09 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  | 580219   | 5.00 | ug/L    | 0.09      |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 555336   | 5.00 | ug/L    | 0.09      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 243612   | 5.00 | ug/L    | 0.10      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 223812   | 5.86 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 117.20% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 171087   | 3.84 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 76.80%  |           |
| 23) TOLUENE-D8              | 17.76 | 98   | 756626   | 5.14 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 102.80% |           |
| Target Compounds            |       |      |          |      |         |           |
| 10) ACETONE                 | 7.69  | 43   | 20444    | 5.25 | ug/L    | Qvalue 96 |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 3160     | 0.46 | ug/L    | 64        |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30116.D HP121001.M Wed Dec 19 19:16:04 2001

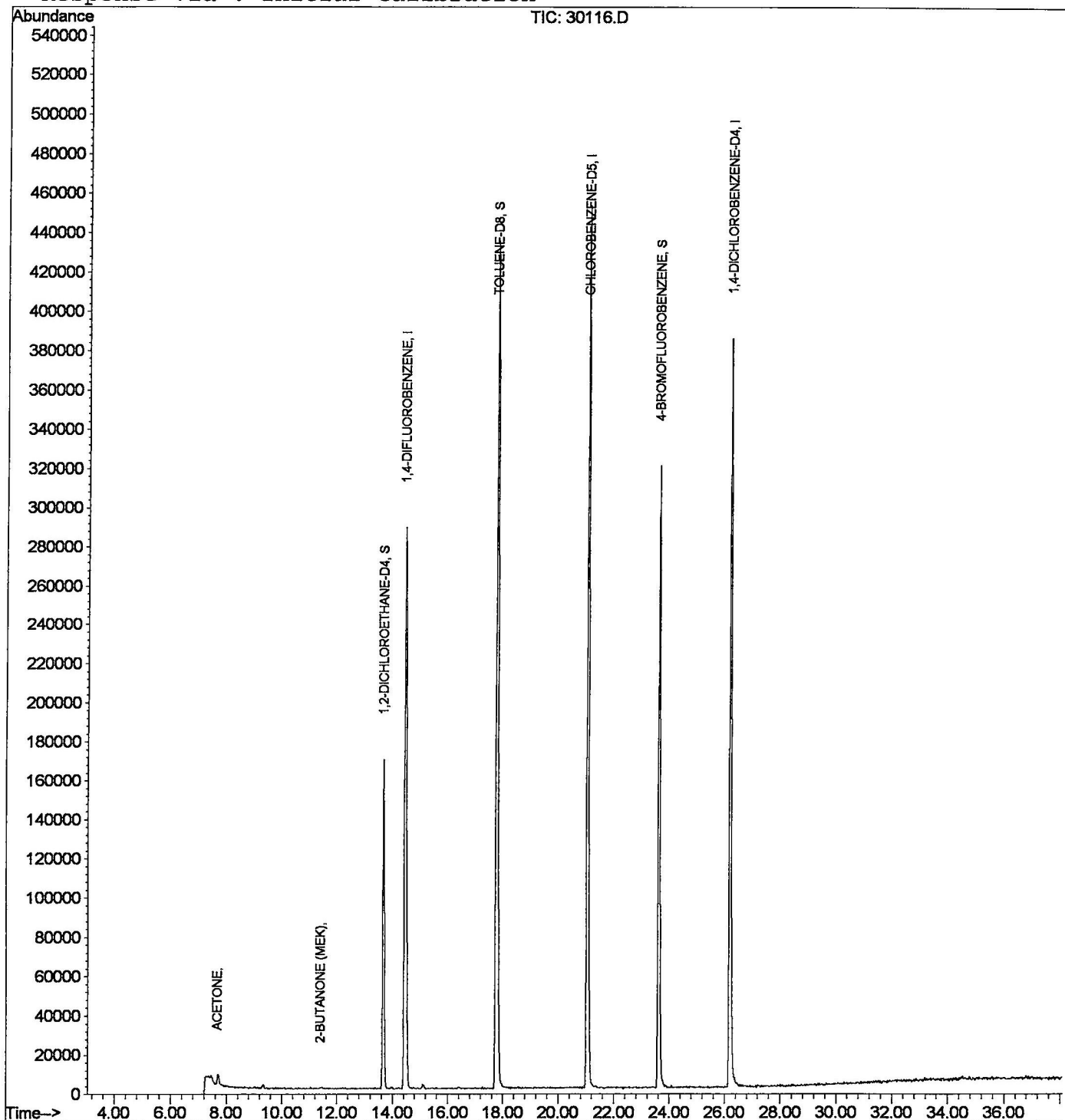
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30116.D  
 Acq On : 19 Dec 2001 6:37 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 19:15 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\01dec19\30116.D  
 Acq On : 19 Dec 2001 6:37 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

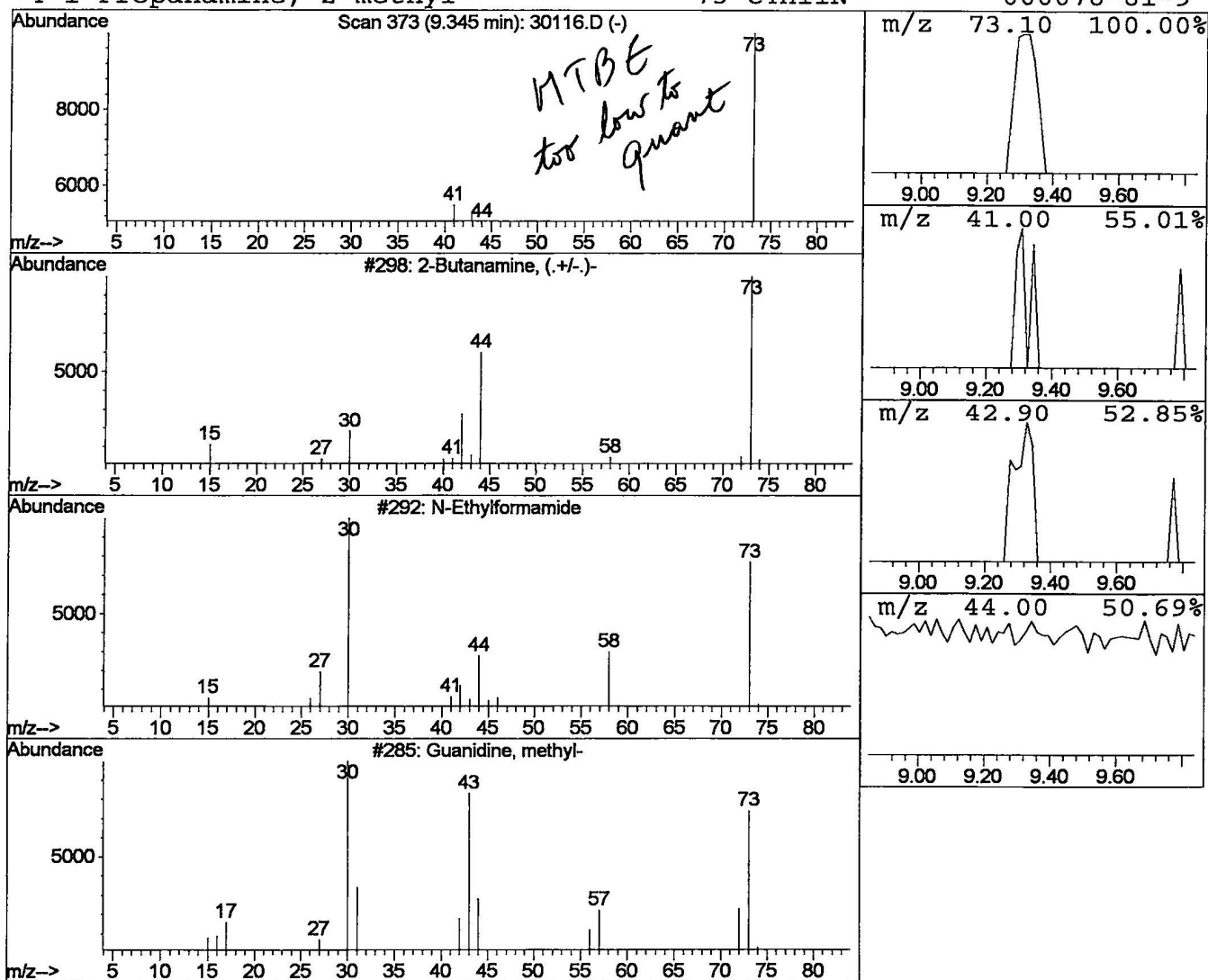
Vial: 10  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 3 2-Butanamine, (./-.)- Concentration Rank 3

| R.T. | EstConc   | Area | Relative to ISTD    | R.T.  |
|------|-----------|------|---------------------|-------|
| 9.35 | 0.03 ug/L | 9803 | 1,4-DIFLUOROBENZENE | 14.44 |

| Hit# of | 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|---------|---|--------------------------|----|---------|-------------|------|
| 1       |   | 2-Butanamine, (./-.)-    | 73 | C4H11N  | 033966-50-6 | 4    |
| 2       |   | N-Ethylformamide         | 73 | C3H7NO  | 000627-45-2 | 4    |
| 3       |   | Guanidine, methyl-       | 73 | C2H7N3  | 000471-29-4 | 4    |
| 4       |   | 1-Propanamine, 2-methyl- | 73 | C4H11N  | 000078-81-9 | 3    |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30116.D  
 Acq On : 19 Dec 2001 6:37 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

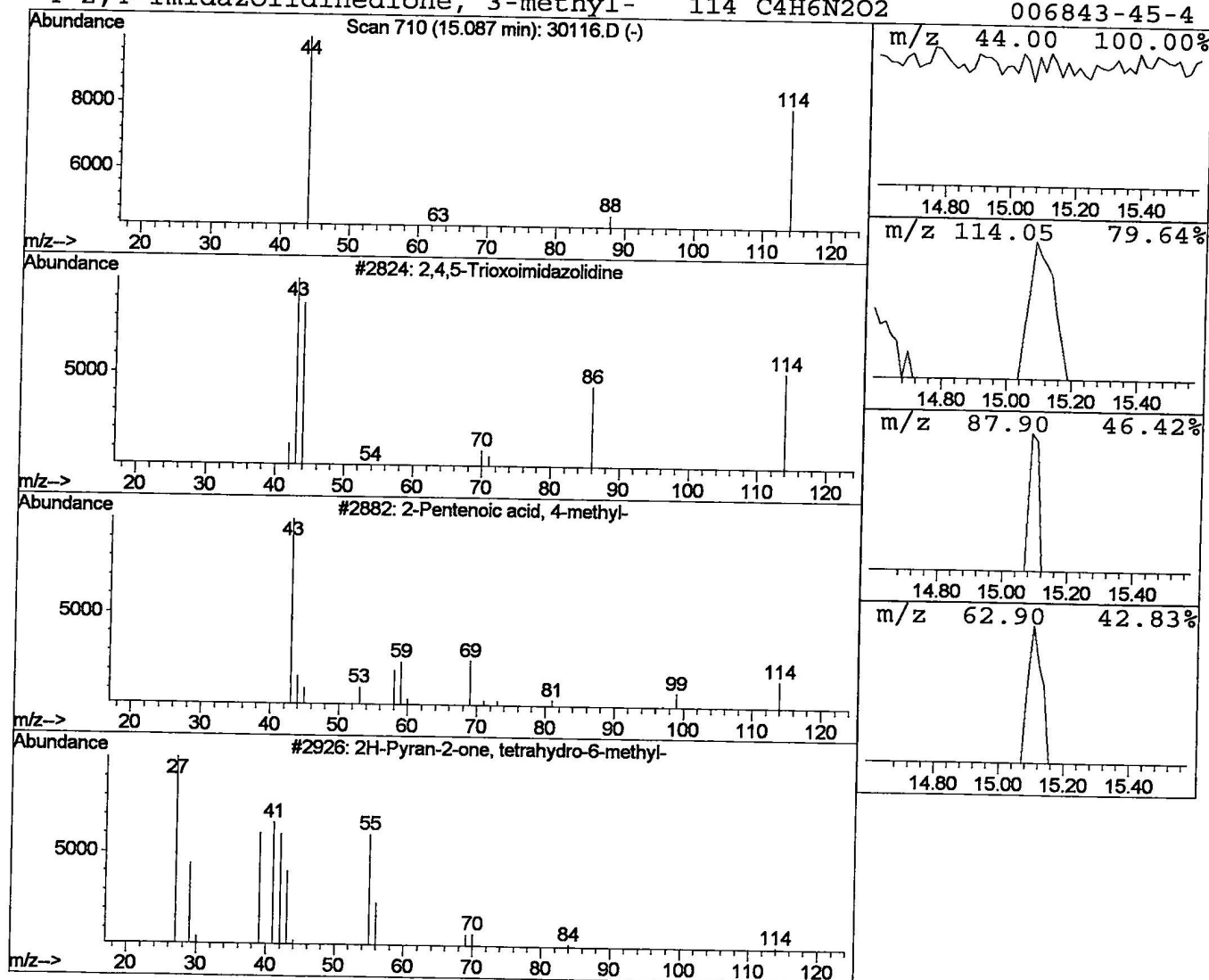
Vial: 10  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 4 2,4,5-Trioxoimidazolidine Concentration Rank 4

| R.T.  | EstConc   | Area | Relative to ISTD    | R.T.  |
|-------|-----------|------|---------------------|-------|
| 15.09 | 0.03 ug/L | 9130 | 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: 12/20/2001 Time: 13:32:15

Sample: AD30117

Analysis: \$524 Volatile Organic Compounds

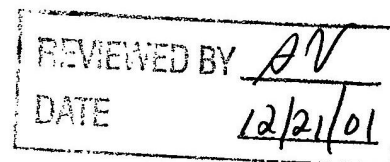
Units: ug

Started: 12/19/01 00:07 Ended: 12/19/01 00:07 Analyst: BH

Result source: m:\instruments\206\rrfiles\30117.rr

Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.9    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 3.8    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.2    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |



User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 13:32:15

Sample: AD30117  
Analysis: §524 Volatile Organic Compounds  
Units: ug  
Started: 12/19/01 00:07 Ended: 12/19/01 00:07 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30117.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\01dec19\30117.D  
 Acq On : 19 Dec 2001 7:20 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 19:59 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 : Wed Dec 19 08:54:09 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  | 589036   | 5.00 | ug/L    | 0.08      |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 553172   | 5.00 | ug/L    | 0.08      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 245176   | 5.00 | ug/L    | 0.10      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 230699   | 5.95 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 119.00% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 173183   | 3.83 | ug/L    | 0.08      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 76.60%  |           |
| 23) TOLUENE-D8              | 17.76 | 98   | 760472   | 5.19 | ug/L    | 0.08      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 103.80% |           |
| Target Compounds            |       |      |          |      |         |           |
| 10) ACETONE                 | 7.70  | 43   | 22837    | 5.78 | ug/L    | Qvalue 89 |
| 13) METHYL TERT BUTYL ETHER | 9.31  | 73   | 7487     | 0.17 | ug/L    | 92        |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 3021     | 0.43 | ug/L    | 64        |

*lab cont*



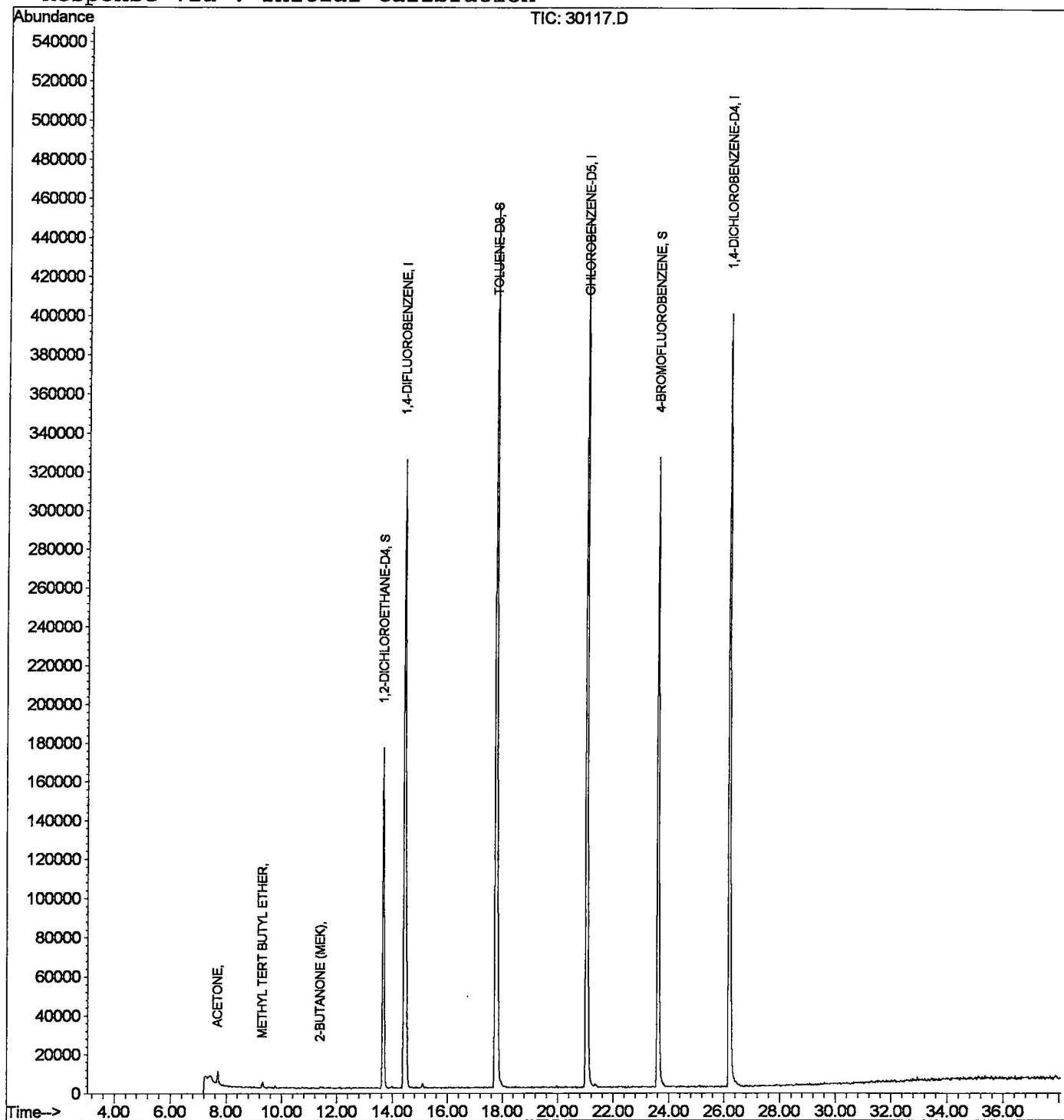
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30117.D  
Acq On : 19 Dec 2001 7:20 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 19 19:59 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\01dec19\30117.D  
 Acq On : 19 Dec 2001 7:20 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

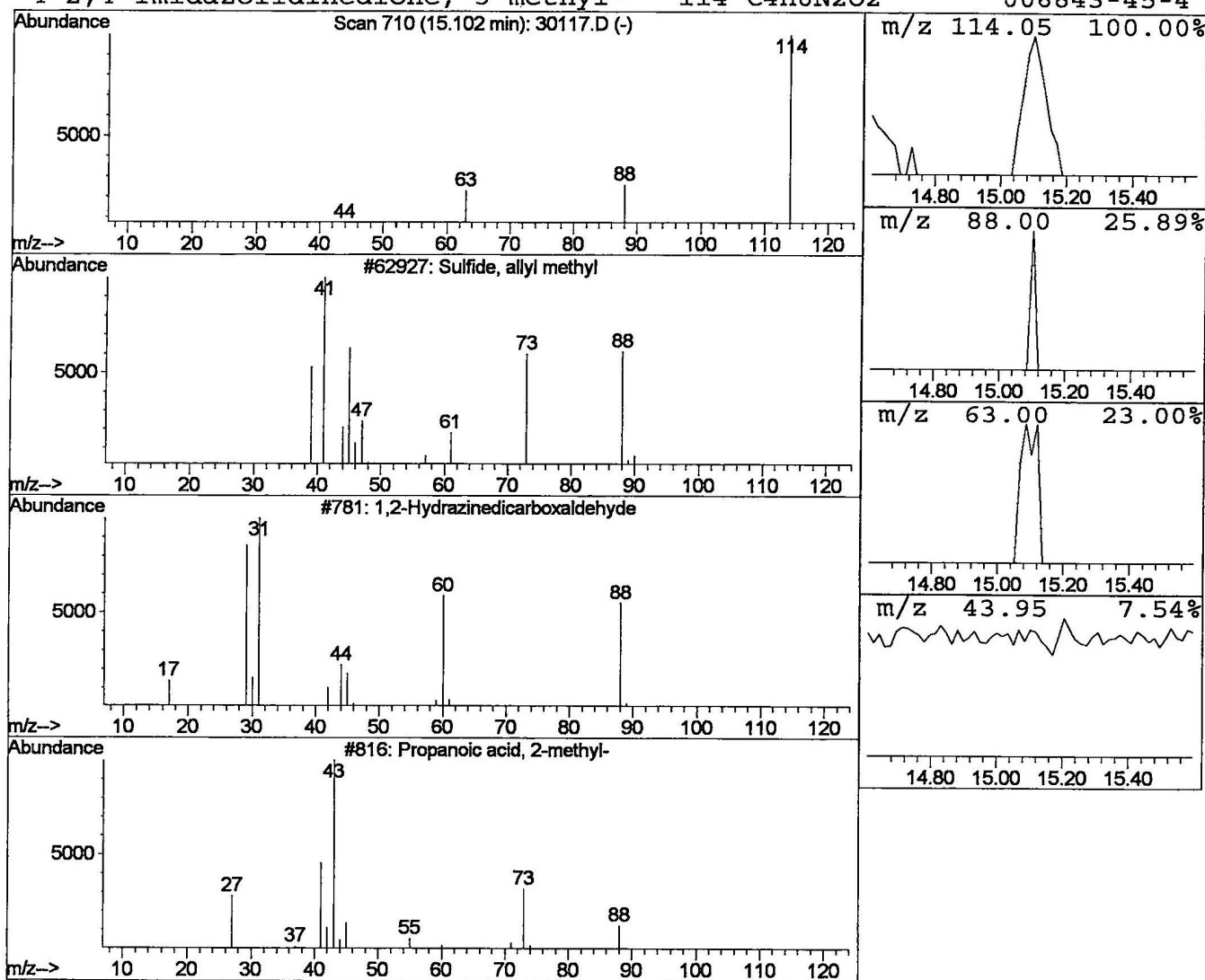
Vial: 11  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 1 Sulfide, allyl methyl Concentration Rank 1

| R.T.  | EstConc   | Area | Relative to ISTD    | R.T.  |
|-------|-----------|------|---------------------|-------|
| 15.10 | 0.03 ug/L | 8517 | 1,4-DIFLUOROBENZENE | 14.44 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfide, allyl methyl             | 88  | C4H8S    | 010152-76-8 | 3    |
| 2    |    |   | 1,2-Hydrazinedicarboxaldehyde     | 88  | C2H4N2O2 | 000628-36-4 | 3    |
| 3    |    |   | Propanoic acid, 2-methyl-         | 88  | C4H8O2   | 000079-31-2 | 3    |
| 4    |    |   | 2,4-Imidazolidinedione, 3-methyl- | 114 | C4H6N2O2 | 006843-45-4 | 3    |



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 11:47:58

Sample: AD30111  
 Analysis: \$D\_524 Volatile Organic Compounds-Duplicate  
 Units: ug  
 Started: 12/19/01 00:08 Ended: 12/19/01 00:08 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30111d.rr  
 Page: 1

|    | Component Name                 | Vol | Result | Qualifier | MDL |
|----|--------------------------------|-----|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |     | 5.9    |           | .5  |
| 2  | Surr - 4-BROMOFLUOROBENZ       |     | 3.8    |           | .5  |
| 3  | Dichlorodifluoromethane        |     | < MDL  |           | .5  |
| 4  | Chloromethane                  |     | < MDL  |           | .5  |
| 5  | Vinyl chloride                 |     | < MDL  |           | .5  |
| 6  | Bromomethane                   |     | < MDL  |           | .5  |
| 7  | Chloroethane                   |     | < MDL  |           | .5  |
| 8  | Trichlorofluoromethane         |     | < MDL  |           | .5  |
| 9  | 1,1-Dichloroethene             |     | < MDL  |           | .5  |
| 10 | Methylene Chloride             |     | < MDL  |           | .5  |
| 11 | Methyl tert-butyl ether (MTBE) |     | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |     | < MDL  |           | .5  |
| 13 | 1,1-dichloroethane             |     | < MDL  |           | .5  |
| 14 | 2-butanone (MEK)               |     | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |     | < MDL  |           | .5  |
| 16 | cis-1,2-dichloroethene         |     | < MDL  |           | .5  |
| 17 | *THM-Chloroform                |     | < MDL  |           | .5  |
| 18 | Bromochloromethane             |     | < MDL  |           | .5  |
| 19 | 1,2-dichloroethane             |     | < MDL  |           | .5  |
| 20 | Surr - TOLUENE-D8              |     | 5.3    |           | .5  |
| 21 | 1,1,1- trichloroethane         |     | < MDL  |           | .5  |
| 22 | 1,1-dichloropropene            |     | < MDL  |           | .5  |
| 23 | Carbon tetrachloride           |     | < MDL  |           | .5  |
| 24 | Benzene                        |     | < MDL  |           | .5  |
| 25 | Trichloroethene                |     | < MDL  |           | .5  |
| 26 | 1,2-dichloropropane            |     | < MDL  |           | .5  |
| 27 | Dibromomethane                 |     | < MDL  |           | .5  |
| 28 | *THM-Bromodichloromethane      |     | < MDL  |           | .5  |
| 29 | Methyl iso-butyl ketone (MIBK) |     | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |     | < MDL  |           | .5  |
| 31 | Toluene                        |     | < MDL  |           | .5  |
| 32 | trans-1,3-dichloropropene      |     | < MDL  |           | .5  |
| 33 | 1,1,2-trichloroethane          |     | < MDL  |           | .5  |
| 34 | Tetrachloroethene              |     | < MDL  |           | .5  |
| 35 | 1,3-dichloropropane            |     | < MDL  |           | .5  |
| 36 | *THM-Dibromochloromethane      |     | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |     | < MDL  |           | .5  |
| 38 | 1,1,1,2-tetrachloroethane      |     | < MDL  |           | .5  |
| 39 | Ethylbenzene                   |     | < MDL  |           | .5  |
| 40 | P & M-xylene                   |     | < MDL  |           | .5  |
| 41 | O-xylene                       |     | < MDL  |           | .5  |
| 42 | Styrene                        |     | < MDL  |           | .5  |
| 43 | 1,1,2,2-tetrachloroethane      |     | < MDL  |           | .5  |
| 44 | *THM-Bromoform                 |     | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |     | < MDL  |           | .5  |
| 46 | 1,2,3-trichloropropane         |     | < MDL  |           | .5  |
| 47 | N-propylbenzene                |     | < MDL  |           | .5  |
| 48 | Bromobenzene                   |     | < MDL  |           | .5  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 11:47:58

Sample: AD30111  
Analysis: \$D\_524 Volatile Organic Compounds-Duplicate  
Units: ug  
Started: 12/19/01 00:08 Ended: 12/19/01 00:08 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30111d.rr  
Page: 2

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

User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 11:48:31

Sample: AD30111

Analysis: \$P\_524 Duplicate calculation for 524

Units: ug

Started: 12/19/01 00:03 Ended: 12/19/01 00:03 Analyst: BH

Result source: calculation

Page: 1

|    | Component Name             | Viol | Result |
|----|----------------------------|------|--------|
| 1  | Surr - 1,2-DICHLOROETHANE- |      | 0.60   |
| 2  | Surr - 4-BROMOFLUOROBENZ   |      | 0.0    |
| 3  | DICHLORODIFLUOROMETHAN     |      | < MDL  |
| 4  | CHLOROMETHANE              |      | < MDL  |
| 5  | VINYL CHLORIDE             |      | < MDL  |
| 6  | BROMOMETHANE               |      | < MDL  |
| 7  | CHLOROETHANE               |      | < MDL  |
| 8  | TRICHLOROFLUOROMETHAN      |      | < MDL  |
| 9  | 1,1-DICHLOROETHENE         |      | < MDL  |
| 10 | METHYLENE CHLORIDE         |      | < MDL  |
| 11 | METHYL TERT-BUTYL ETHER    |      | < MDL  |
| 12 | TRANS-1,2-DICHLOROETHEN    |      | < MDL  |
| 13 | 1,1-DICHLOROETHANE         |      | < MDL  |
| 14 | 2-BUTANONE (MEK)           |      | < MDL  |
| 15 | 2,2-DICHLOROPROPANE        |      | < MDL  |
| 16 | CIS-1,2-DICHLOROETHENE     |      | < MDL  |
| 17 | *THM-CHLOROFORM            |      | < MDL  |
| 18 | BROMOCHLOROMETHANE         |      | < MDL  |
| 19 | 1,2-DICHLOROETHANE         |      | < MDL  |
| 20 | Surr - TOLUENE-D8          |      | 0.10   |
| 21 | 1,1,1- TRICHLOROETHANE     |      | < MDL  |
| 22 | 1,1-DICHLOROPROPENE        |      | < MDL  |
| 23 | CARBON TETRACHLORIDE       |      | < MDL  |
| 24 | BENZENE                    |      | < MDL  |
| 25 | TRICHLOROETHENE            |      | < MDL  |
| 26 | 1,2-DICHLOROPROPANE        |      | < MDL  |
| 27 | DIBROMOMETHANE             |      | < MDL  |
| 28 | *THM-BROMODICHLOROMET      |      | < MDL  |
| 29 | METHYL ISO-BUTYL KETONE    |      | < MDL  |
| 30 | CIS-1,3-DICHLOROPROPENE    |      | < MDL  |
| 31 | TOLUENE                    |      | < MDL  |
| 32 | TRANS-1,3-DICHLOROPROPE    |      | < MDL  |
| 33 | 1,1,2-TRICHLOROETHANE      |      | < MDL  |
| 34 | TETRACHLOROETHENE          |      | < MDL  |
| 35 | 1,3-DICHLOROPROPANE        |      | < MDL  |
| 36 | *THM-DIBROMOCHLOROMET      |      | < MDL  |
| 37 | 1,2-DIBROMOETHANE          |      | < MDL  |
| 38 | CHLOROBENZENE              |      | < MDL  |
| 39 | 1,1,1,2-TETRACHLOROETHA    |      | < MDL  |
| 40 | 2-HEXANONE                 |      | < MDL  |
| 41 | ETHYLBENZENE               |      | < MDL  |
| 42 | P & M-XYLENE               |      | < MDL  |
| 43 | O-XYLENE                   |      | < MDL  |
| 44 | STYRENE                    |      | < MDL  |
| 45 | 1,1,2,2-TETRACHLOROETHA    |      | < MDL  |
| 46 | *THM-BROMOFORM             |      | < MDL  |
| 47 | ISOPROPYLBENZENE           |      | < MDL  |
| 48 | 1,2,3-TRICHLOROPROPANE     |      | < MDL  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 11:48:31

Sample: AD30111

Analysis: \$P\_524 Duplicate calculation for 524

Units: ug

Started: 12/19/01 00:03 Ended: 12/19/01 00:03 Analyst: BH

Result source: calculation

Page: 2

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

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec19\30111D.D

Vial: 11

Acq On : 19 Dec 2001 8:04 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 19 20:42 2001

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

Last Update : Wed Dec 19 08:54:09 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  | 562319   | 5.00 | ug/L    | 0.08     |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 534288   | 5.00 | ug/L    | 0.08     |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 236921   | 5.00 | ug/L    | 0.10     |
| System Monitoring Compounds |       |      |          |      |         |          |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 216821   | 5.85 | ug/L    | 0.08     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 117.00% |          |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 164534   | 3.81 | ug/L    | 0.08     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 76.20%  |          |
| 23) TOLUENE-D8              | 17.78 | 98   | 743928   | 5.25 | ug/L    | 0.10     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 105.00% |          |
| Target Compounds            |       |      |          |      |         | Qvalue   |
| 10) ACETONE                 | 7.69  | 43   | 28642    | 7.59 | ug/L    | 92       |
| 16) 2-BUTANONE (MEK)        | 11.40 | 43   | 2445     | 0.37 | ug/L    | 64       |

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

30111D.D HP121001.M Wed Dec 19 20:43:03 2001

Page 1

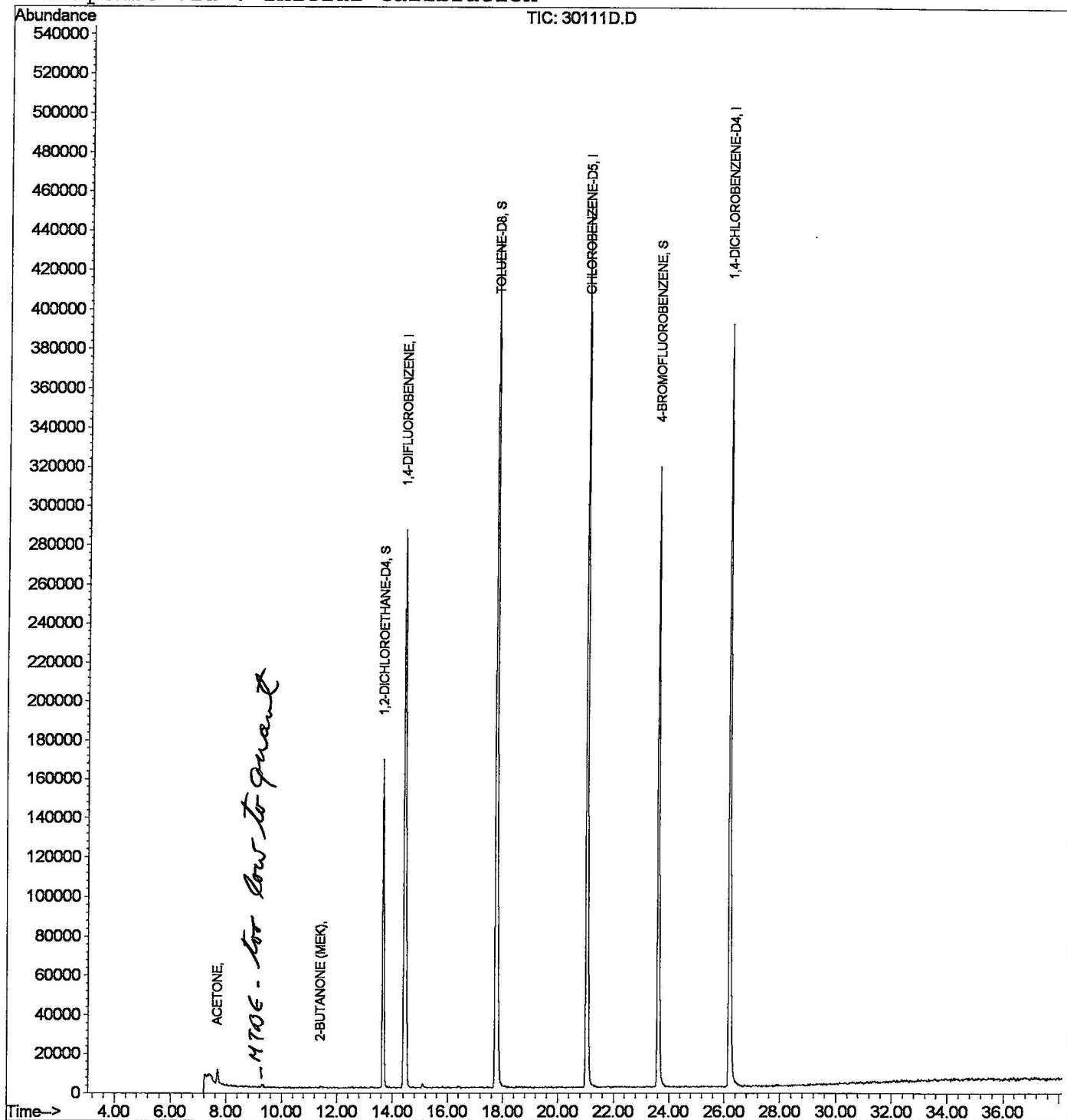
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30111D.D  
 Acq On : 19 Dec 2001 8:04 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 20:42 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\01dec19\30111D.D  
 Acq On : 19 Dec 2001 8:04 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

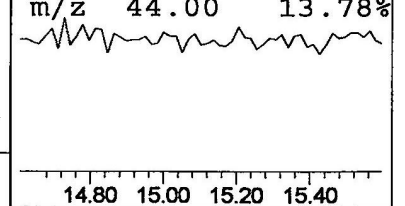
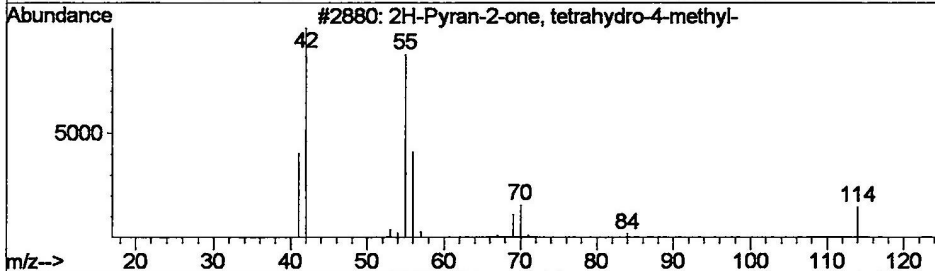
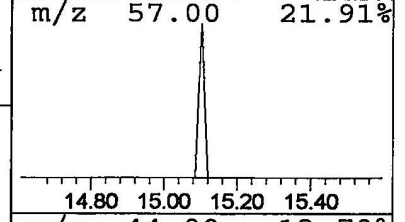
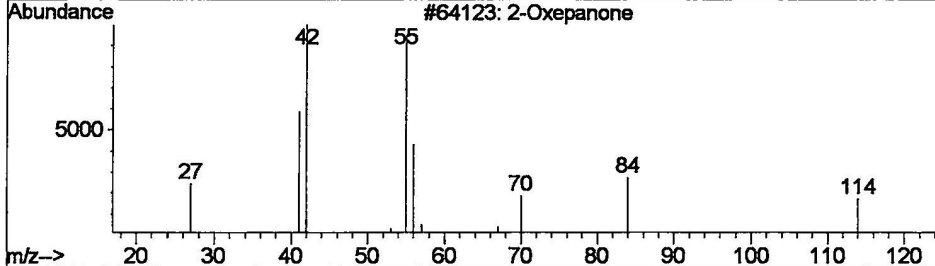
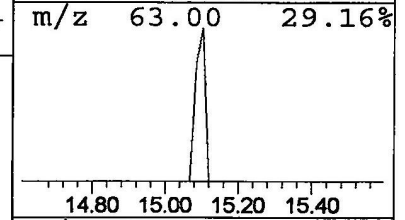
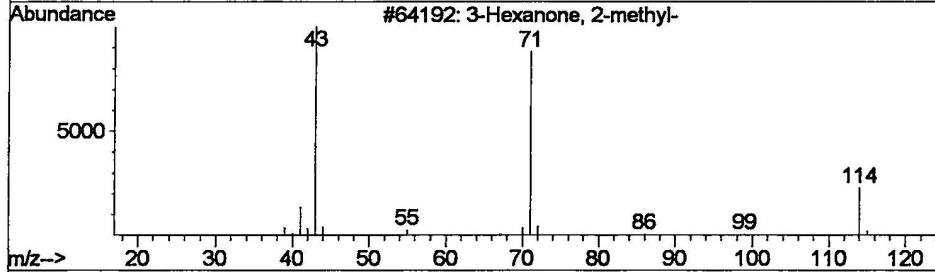
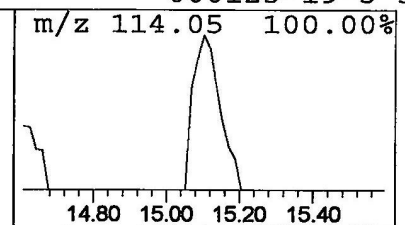
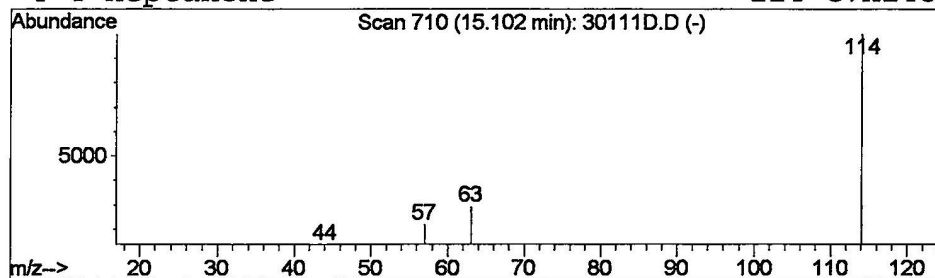
Vial: 11  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 2 3-Hexanone, 2-methyl- Concentration Rank 2

| R.T.  | EstConc   | Area | Relative to ISTD    | R.T.  |
|-------|-----------|------|---------------------|-------|
| 15.10 | 0.03 ug/L | 8747 | 1,4-DIFLUOROBENZENE | 14.44 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 3-Hexanone, 2-methyl-               | 114 | C7H14O  | 007379-12-6 | 4    |
| 2    |    | 2-Oxepanone                         | 114 | C6H10O2 | 000502-44-3 | 3    |
| 3    |    | 2H-Pyran-2-one, tetrahydro-4-methyl | 114 | C6H10O2 | 001121-84-2 | 3    |
| 4    |    | 4-Heptanone                         | 114 | C7H14O  | 000123-19-3 | 3    |



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 11:45:32

Sample: AD30111

Analysis: \$C2524 Volatile Organic Compounds-Cal 2

Units: ug

Started: 12/19/01 00:08 Ended: 12/19/01 00:08 Analyst: BH

Result source: m:\instruments\206\rrfiles\1219c10a.rr

Page: 1

|    | Component Name                 | Viol  | Result | Qualifier | MDL |
|----|--------------------------------|-------|--------|-----------|-----|
| 1  | Surr_1,2-DICHLOROETHANE        | USPEC | 6.9    |           | .5  |
| 2  | Surr_4-BROMOFLUOROBENZE        |       | 5.8    |           | .5  |
| 3  | Dichlorodifluoromethane        |       | 7.7    |           | .5  |
| 4  | Chloromethane                  | USPEC | 17     |           | .5  |
| 5  | Vinyl chloride                 | USPEC | 17     |           | .5  |
| 6  | Bromomethane                   | USPEC | 15     |           | .5  |
| 7  | Chloroethane                   | USPEC | 16     |           | .5  |
| 8  | Trichlorofluoromethane         | USPEC | 13     |           | .5  |
| 9  | 1,1-Dichloroethene             |       | 11     |           | .5  |
| 10 | Methylene Chloride             |       | 13     |           | .5  |
| 11 | Methyl tert-butyl ether (MTBE) |       | 9.8    |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |       | 11     |           | .5  |
| 13 | 1,1-dichloroethane             |       | 12     |           | .5  |
| 14 | 2-butanone (MEK)               |       | 12     |           | 2.0 |
| 15 | 2,2-dichloropropane            |       | 10     |           | .5  |
| 16 | cis-1,2-dichloroethene         |       | 10     |           | .5  |
| 17 | Chloroform                     |       | 12     |           | .5  |
| 18 | Bromochloromethane             |       | 13     |           | .5  |
| 19 | 1,2-dichloroethane             |       | 13     |           | .5  |
| 20 | Surr_TOLUENE-D8                |       | 5.2    |           | .5  |
| 21 | 1,1,1- trichloroethane         |       | 11     |           | .5  |
| 22 | 1,1-dichloropropene            |       | 9.8    |           | .5  |
| 23 | Carbon tetrachloride           |       | 11     |           | .5  |
| 24 | Benzene                        |       | 9.5    |           | .5  |
| 25 | Trichloroethene                |       | 9.7    |           | .5  |
| 26 | 1,2-dichloropropane            |       | 10     |           | .5  |
| 27 | Dibromomethane                 |       | 8.2    |           | .5  |
| 28 | Bromodichloromethane           |       | 11     |           | .5  |
| 29 | Methyl iso-butyl ketone        |       | 8.8    |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |       | 9.7    |           | .5  |
| 31 | Toluene                        |       | 9.2    |           | .5  |
| 32 | trans-1,3-dichloropropene      |       | 10     |           | .5  |
| 33 | 1,1,2-trichloroethane          |       | 9.5    |           | .5  |
| 34 | Tetrachloroethene              |       | 8.1    |           | .5  |
| 35 | 1,3-dichloropropane            |       | 10     |           | .5  |
| 36 | Dibromochloromethane           |       | 9.8    |           | 2.0 |
| 37 | Chlorobenzene                  |       | 9.1    |           | .5  |
| 38 | 1,1,1,2-tetrachloroethane      |       | 9.6    |           | .5  |
| 39 | Ethylbenzene                   |       | 9.6    |           | .5  |
| 40 | P & M-xylene                   |       | 18     |           | .5  |
| 41 | O-xylene                       |       | 10     |           | .5  |
| 42 | Styrene                        |       | 9.6    |           | .5  |
| 43 | 1,1,2,2-tetrachloroethane      |       | 11     |           | .5  |
| 44 | Bromoform                      |       | 8.1    |           | 2.0 |
| 45 | Isopropylbenzene               |       | 7.9    |           | .5  |
| 46 | 1,2,3-trichloropropane         |       | 8.2    |           | .5  |
| 47 | N-propylbenzene                |       | 8.2    |           | .5  |
| 48 | Bromobenzene                   |       | 7.7    |           | .5  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 11:45:32

Sample: AD30111  
Analysis: \$C2524 Volatile Organic Compounds-Cal 2  
Units: ug  
Started: 12/19/01 00:08 Ended: 12/19/01 00:08 Analyst: BH  
Result source: m:\instruments\206\rrfiles\1219c10a.rr  
Page: 2

|    | Component Name         | Viol | Result | Qualifier | MDL |
|----|------------------------|------|--------|-----------|-----|
| 49 | 1,3,5-trimethylbenzene |      | 8.1    |           | .5  |
| 50 | 2-chlorotoluene        |      | 8.5    |           | .5  |
| 51 | 4-chlorotoluene        |      | 8.8    |           | .5  |
| 52 | TERT-butylbenzene      |      | 8.1    |           | .5  |
| 53 | 1,2,4-trimethylbenzene |      | 8.4    |           | .5  |
| 54 | SEC-butylbenzene       |      | 8.3    |           | .5  |
| 55 | P-isopropyltoluene     |      | 8.4    |           | .5  |
| 56 | 1,3-dichlorobenzene    |      | 8.5    |           | .5  |
| 57 | 1,4-dichlorobenzene    |      | 8.4    |           | .5  |
| 58 | N-butylbenzene         |      | 9.4    |           | .5  |
| 59 | 1,2-dichlorobenzene    |      | 9.0    |           | .5  |
| 60 | 1,2,4-trichlorobenzene |      | 8.8    |           | .5  |
| 61 | Hexachlobutadiene      |      | 8.5    |           | .5  |
| 62 | Naphthalene            |      | 9.0    |           | .5  |
| 63 | 1,2,3-trichlorobenzene |      | 8.8    |           | .5  |

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC19\1219C10A.D

Vial: 8

Acq On : 19 Dec 2001 8:47 pm

Operator: 206-BH

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 20 9:11 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 09:10:22 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  | 494887   | 5.00 | ug/L  | 0.10     |
| 22) CHLOROBENZENE-D5       | 21.05 | 117  | 541372   | 5.00 | ug/L  | 0.09     |
| 50) 1,4-DICHLOROBENZENE-D4 | 26.21 | 152  | 377372   | 5.00 | ug/L  | 0.10     |

## System Monitoring Compounds

|                          |       |     |          |      |         |      |
|--------------------------|-------|-----|----------|------|---------|------|
| 2) 1,2-DICHLOROETHANE-D4 | 13.67 | 65  | 225901   | 6.93 | ug/L    | 0.09 |
| Spiked Amount 5.000      |       |     | Recovery | =    | 138.60% |      |
| 3) 4-BROMOFLUOROBENZENE  | 23.62 | 174 | 221977   | 5.85 | ug/L    | 0.09 |
| Spiked Amount 5.000      |       |     | Recovery | =    | 117.00% |      |
| 23) TOLUENE-D8           | 17.76 | 98  | 749983   | 5.23 | ug/L    | 0.09 |
| Spiked Amount 5.000      |       |     | Recovery | =    | 104.60% |      |

## Target Compounds

|                               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|-------------------------------|-------|------|----------|-------|-------|--------|
| 4) DICHLORODIFLUOROMETHANE    | 4.50  | 85   | 121447   | 7.67  | ug/L  | 99     |
| 5) CHLOROMETHANE              | 5.03  | 50   | 168038   | 16.73 | ug/L  | 97     |
| 6) VINYL CHLORIDE             | 5.17  | 62   | 167359   | 16.76 | ug/L  | 97     |
| 7) BROMOMETHANE               | 6.09  | 94   | 132893   | 15.21 | ug/L  | 97     |
| 8) CHLOROETHANE               | 6.22  | 64   | 112401   | 16.42 | ug/L  | 96     |
| 9) TRICHLOROFLUOROMETHANE     | 6.76  | 101  | 286980   | 13.24 | ug/L  | 98     |
| 10) ACETONE                   | 7.69  | 43   | 46958    | 14.14 | ug/L  | 97     |
| 11) 1,1-DICHLOROETHENE        | 8.03  | 61   | 299484   | 10.65 | ug/L  | 98     |
| 12) METHYLENE CHLORIDE        | 9.00  | 49   | 352870   | 12.94 | ug/L  | 100    |
| 13) METHYL TERT BUTYL ETHER   | 9.31  | 73   | 352986   | 9.81  | ug/L  | 98     |
| 14) TRANS-1,2-DICHLOROETHENE  | 9.67  | 61   | 330990   | 10.85 | ug/L  | 95     |
| 15) 1,1-DICHLOROETHANE        | 10.54 | 63   | 442203   | 11.62 | ug/L  | 100    |
| 16) 2-BUTANONE (MEK)          | 11.37 | 43   | 71308    | 12.16 | ug/L  | 99     |
| 17) 2,2-DICHLOROPROPANE       | 11.73 | 77   | 321445   | 10.25 | ug/L  | 99     |
| 18) CIS-1,2-DICHLOROETHENE    | 11.83 | 96   | 217273   | 10.19 | ug/L  | 97     |
| 19) CHLOROFORM                | 12.17 | 83   | 441918   | 12.17 | ug/L  | 99     |
| 20) BROMOCHLOROMETHANE        | 12.53 | 49   | 221813   | 12.88 | ug/L  | 93     |
| 21) 1,2-DICHLOROETHANE        | 13.86 | 62   | 308529   | 12.63 | ug/L  | 98     |
| 24) 1,1,1-TRICHLOROETHANE     | 13.04 | 97   | 352617   | 10.60 | ug/L  | 97     |
| 25) 1,1-DICHLOROPROPENE       | 13.38 | 75   | 320242   | 9.76  | ug/L  | 99     |
| 26) CARBON TETRACHLORIDE      | 13.62 | 117  | 302484   | 10.70 | ug/L  | 100    |
| 27) BENZENE                   | 13.98 | 78   | 904852   | 9.49  | ug/L  | 98     |
| 28) TRICHLOROETHENE           | 15.24 | 95   | 248858   | 9.74  | ug/L  | 96     |
| 29) 1,2-DICHLOROPROPANE       | 15.58 | 63   | 266063   | 10.01 | ug/L  | 99     |
| 30) DIBROMOMETHANE            | 16.25 | 174  | 77766    | 8.22  | ug/L  | 96     |
| 31) BROMODICHLOROMETHANE      | 16.09 | 83   | 337280   | 11.02 | ug/L  | 99     |
| 32) 2-CHLOROETHYL VINYL ETHER | 16.59 | 63   | 86162    | 8.73  | ug/L  | 100    |
| 33) Methyl iso-butyl ketone   | 16.67 | 58   | 44580    | 8.78  | ug/L  | 93     |

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

1219C10A.D HP121001.M

Thu Dec 20 09:11:13 2001

Page 1

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC19\1219C10A.D

Vial: 8

Acq On : 19 Dec 2001 8:47 pm

Operator: 206-BH

Sample : cal 10

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 20 9:11 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 09:10:22 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

| Compound                       | R.T.  | QIon | Response | Conc   | Unit | Qvalue |
|--------------------------------|-------|------|----------|--------|------|--------|
| 34) CIS-1,3-DICHLOROPROPENE    | 17.18 | 75   | 370481   | 9.66   | ug/L | 99     |
| 35) TOLUENE                    | 17.95 | 91   | 992589   | 9.22   | ug/L | 99     |
| 36) TRANS-1,3-DICHLOROPROPENE  | 18.22 | 75   | 303913   | 10.21  | ug/L | 99     |
| 37) 1,1,2-TRICHLOROETHANE      | 18.60 | 97   | 140355   | 9.52   | ug/L | 96     |
| 38) TETRACHLOROETHENE          | 19.38 | 166  | 204618   | 8.06   | ug/L | 98     |
| 39) 1,3-DICHLOROPROPANE        | 19.12 | 76   | 288978   | 10.15  | ug/L | 99     |
| 40) DIBROMOCHLOROMETHANE       | 19.81 | 129  | 174867   | 9.76   | ug/L | 99     |
| 41) 1,2-DIBROMOETHANE          | 20.25 | 107  | 128773   | 9.18   | ug/L | 98     |
| 42) CHLOROBENZENE              | 21.14 | 112  | 650905   | 9.09   | ug/L | 94     |
| 43) 1,1,1,2-TETRACHLOROETHANE  | 21.17 | 131  | 223574   | 9.58   | ug/L | 97     |
| 44) 2-HEXANONE                 | 18.51 | 43   | 93091    | 10.98  | ug/L | 97     |
| 45) ETHYLBENZENE               | 21.19 | 91   | 1270334  | 9.58   | ug/L | 98     |
| 46) P & M-XYLENE               | 21.34 | 106  | 917336   | 18.42  | ug/L | 96     |
| 47) O-XYLENE                   | 22.31 | 91   | 1090657  | 10.32  | ug/L | 97     |
| 48) STYRENE                    | 22.36 | 104  | 785101   | 9.55   | ug/L | 96     |
| 49) 1,1,2,2-TETRACHLOROETHANE  | 23.38 | 83   | 177009   | 11.22  | ug/L | 99     |
| 51) BROMOFORM                  | 23.20 | 173  | 92898    | 8.14   | ug/L | 98     |
| 52) ISOPROPYLBENZENE           | 23.03 | 105  | 1297362  | 7.87   | ug/L | 100    |
| 53) 1,2,3-TRICHLOROPROPANE     | 23.71 | 110  | 49408    | 8.22   | ug/L | 100    |
| 54) N-PROPYLBENZENE            | 23.90 | 91   | 1757516  | 8.22   | ug/L | 98     |
| 55) BROMOBENZENE               | 24.12 | 156  | 271665   | 7.74   | ug/L | 92     |
| 56) 1,3,5-TRIMETHYLBENZENE     | 24.22 | 105  | 1156420  | 8.12   | ug/L | 97     |
| 57) 2-CHLOROTOLUENE            | 24.37 | 91   | 1158513  | 8.55   | ug/L | 99     |
| 58) 4-CHLOROTOLUENE            | 24.44 | 91   | 1062275  | 8.75   | ug/L | 97     |
| 59) TERT-BUTYLBENZENE          | 25.00 | 134  | 247076   | 8.12   | ug/L | 95     |
| 60) 1,2,4-TRIMETHYLBENZENE     | 25.09 | 105  | 1237690  | 8.38   | ug/L | 97     |
| 61) SEC-BUTYLBENZENE           | 25.46 | 105  | 1650056  | 8.32   | ug/L | 98     |
| 62) P-ISOPROPYLTOLUENE         | 25.72 | 119  | 1334535  | 8.38   | ug/L | 97     |
| 63) 1,3-DICHLOROBENZENE        | 26.06 | 146  | 641670   | 8.46   | ug/L | 98     |
| 64) 1,4-DICHLOROBENZENE        | 26.28 | 146  | 635940   | 8.38   | ug/L | 98     |
| 65) N-BUTYLBENZENE             | 26.60 | 91   | 1431704  | 9.40   | ug/L | 98     |
| 66) 1,2-DICHLOROBENZENE        | 27.12 | 146  | 560972   | 8.96   | ug/L | 98     |
| 67) 1,2-DIBROMO-3-CHLOROPROPAN | 28.77 | 157  | 29052    | 9.07   | ug/L | 95     |
| 68) NITROBENZENE               | 28.97 | 77   | 242089   | 183.44 | ug/L | 97     |
| 69) 1,2,4-TRICHLOROBENZENE     | 30.71 | 180  | 306029   | 8.81   | ug/L | 99     |
| 70) HEXACHLOROBUTADIENE        | 30.95 | 225  | 178745   | 8.47   | ug/L | 99     |
| 71) NAPHTHALENE                | 31.37 | 128  | 343267   | 8.97   | ug/L | 98     |
| 72) 1,2,3-TRICHLOROBENZENE     | 31.94 | 180  | 225282   | 8.84   | ug/L | 99     |

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

1219C10A.D HP121001.M

Thu Dec 20 09:11:15 2001

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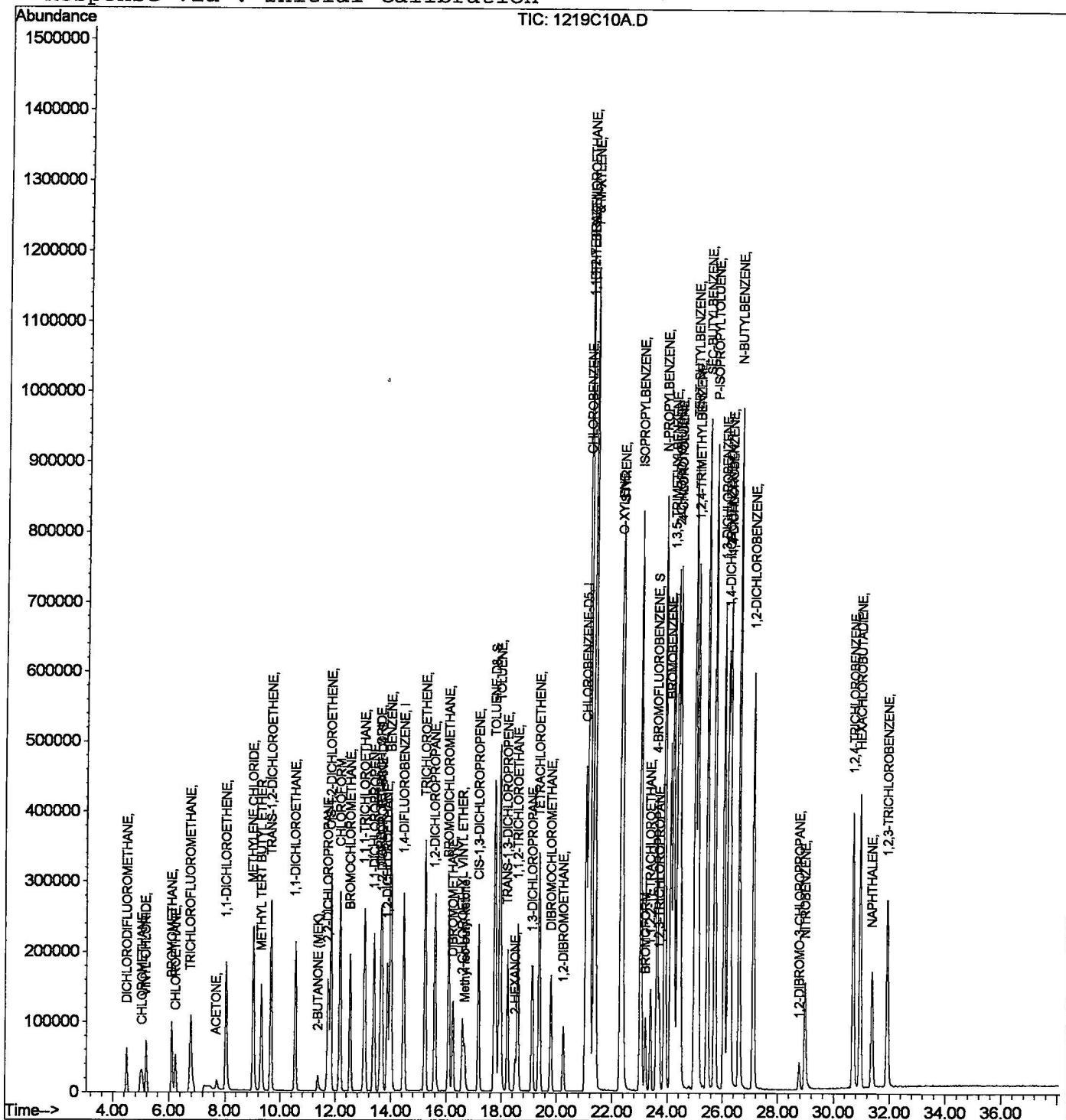
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC19\1219C10A.D  
Acq On : 19 Dec 2001 8:47 pm  
Sample : cal 10  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 20 9:11 2001

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

Quant Results File: HP121001.RES

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



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 13:36:20

Sample: AD30312  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/19/01 00:00 Ended: 12/19/01 00:00 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30312.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 6.1    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 3.8    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.2    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

|             |                    |
|-------------|--------------------|
| REVIEWED BY | <i>[Signature]</i> |
| DATE        | 12/21/01           |



User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 13:36:20

Sample: AD30312

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/19/01 00:00 Ended: 12/19/01 00:00 Analyst: BH

Result source: m:\instruments\206\rrfiles\30312.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\01dec19\30312.D  
 Acq On : 19 Dec 2001 10:14 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 22:53 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 : Wed Dec 19 08:54:09 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  | 560638   | 5.00 | ug/L    | 0.09      |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 540415   | 5.00 | ug/L    | 0.09      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 235782   | 5.00 | ug/L    | 0.10      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 224950   | 6.09 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 121.80% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 165024   | 3.84 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 76.80%  |           |
| 23) TOLUENE-D8              | 17.76 | 98   | 738329   | 5.15 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 103.00% |           |
| Target Compounds            |       |      |          |      |         |           |
| 10) ACETONE                 | 7.70  | 43   | 27338    | 7.27 | ug/L    | Qvalue 97 |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 2231     | 0.34 | ug/L    | 64        |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30312.D HP121001.M Wed Dec 19 22:53:31 2001

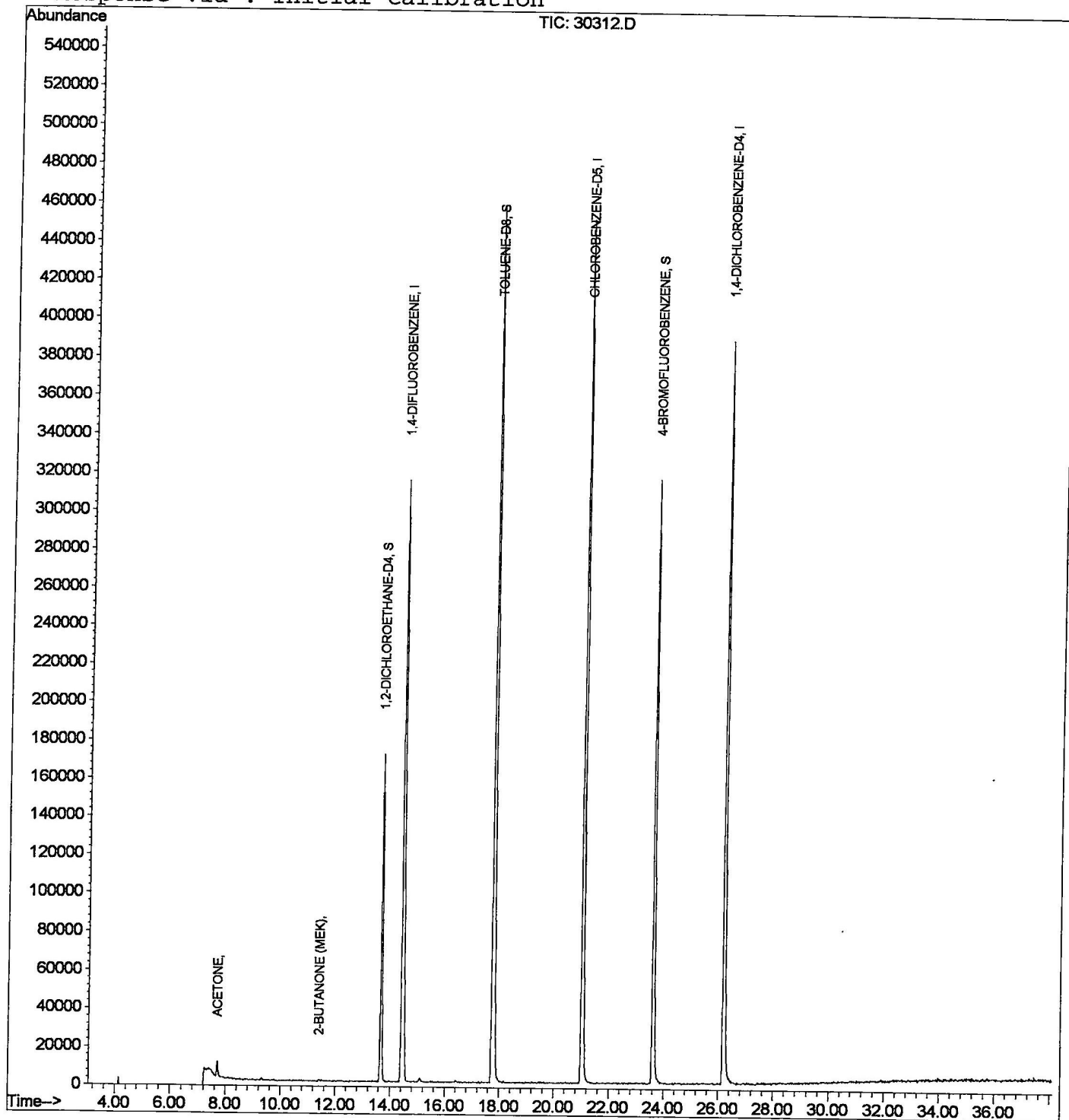
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30312.D  
Acq On : 19 Dec 2001 10:14 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 19 22:53 2001

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

Quant Results File: HP121001.RES

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



30312.D HP121001.M

Wed Dec 19 22:53:34 2001

Page 2

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30312.D  
 Acq On : 19 Dec 2001 10:14 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

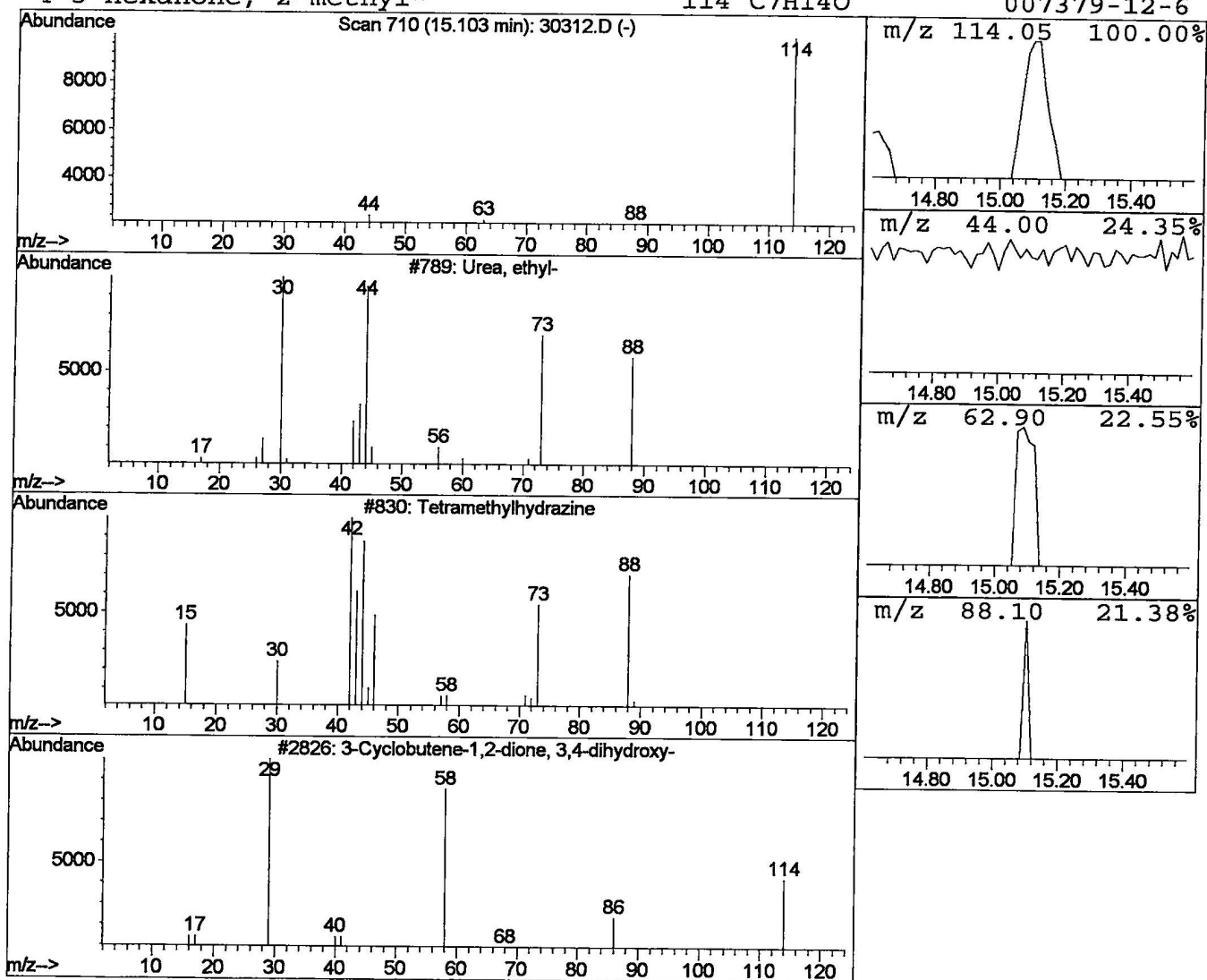
Vial: 6  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 2 Urea, ethyl- Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.10 | 0.05 ug/L | 13902 | 1,4-DIFLUOROBENZENE | 14.44 |

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



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 13:47:51

Sample: AD30313

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/19/01 00:00 Ended: 12/19/01 00:00 Analyst: BH

Result source: m:\instruments\206\rrfiles\30313.rr

Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 6.1    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 3.9    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-DB              |      | 5.2    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

REVIEWED BY SV  
 DATE 12/21/01

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 13:47:51

Sample: AD30313  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/19/01 00:00 Ended: 12/19/01 00:00 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30313.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\01dec19\30313.D  
 Acq On : 19 Dec 2001 10:58 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 23:37 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 : Wed Dec 19 08:54:09 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  | 515174   | 5.00 | ug/L    | 0.09     |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 504445   | 5.00 | ug/L    | 0.09     |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 216667   | 5.00 | ug/L    | 0.10     |
| System Monitoring Compounds |       |      |          |      |         |          |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 207875   | 6.13 | ug/L    | 0.09     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 122.60% |          |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 153425   | 3.88 | ug/L    | 0.09     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 77.60%  |          |
| 23) TOLUENE-D8              | 17.76 | 98   | 701119   | 5.24 | ug/L    | 0.09     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 104.80% |          |
| Target Compounds            |       |      |          |      |         | Qvalue   |
| 10) ACETONE                 | 7.70  | 43   | 12574    | 3.64 | ug/L    | 98       |
| 16) 2-BUTANONE (MEK)        | 11.42 | 43   | 2800     | 0.46 | ug/L    | 64       |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30313.D HP121001.M Wed Dec 19 23:37:14 2001

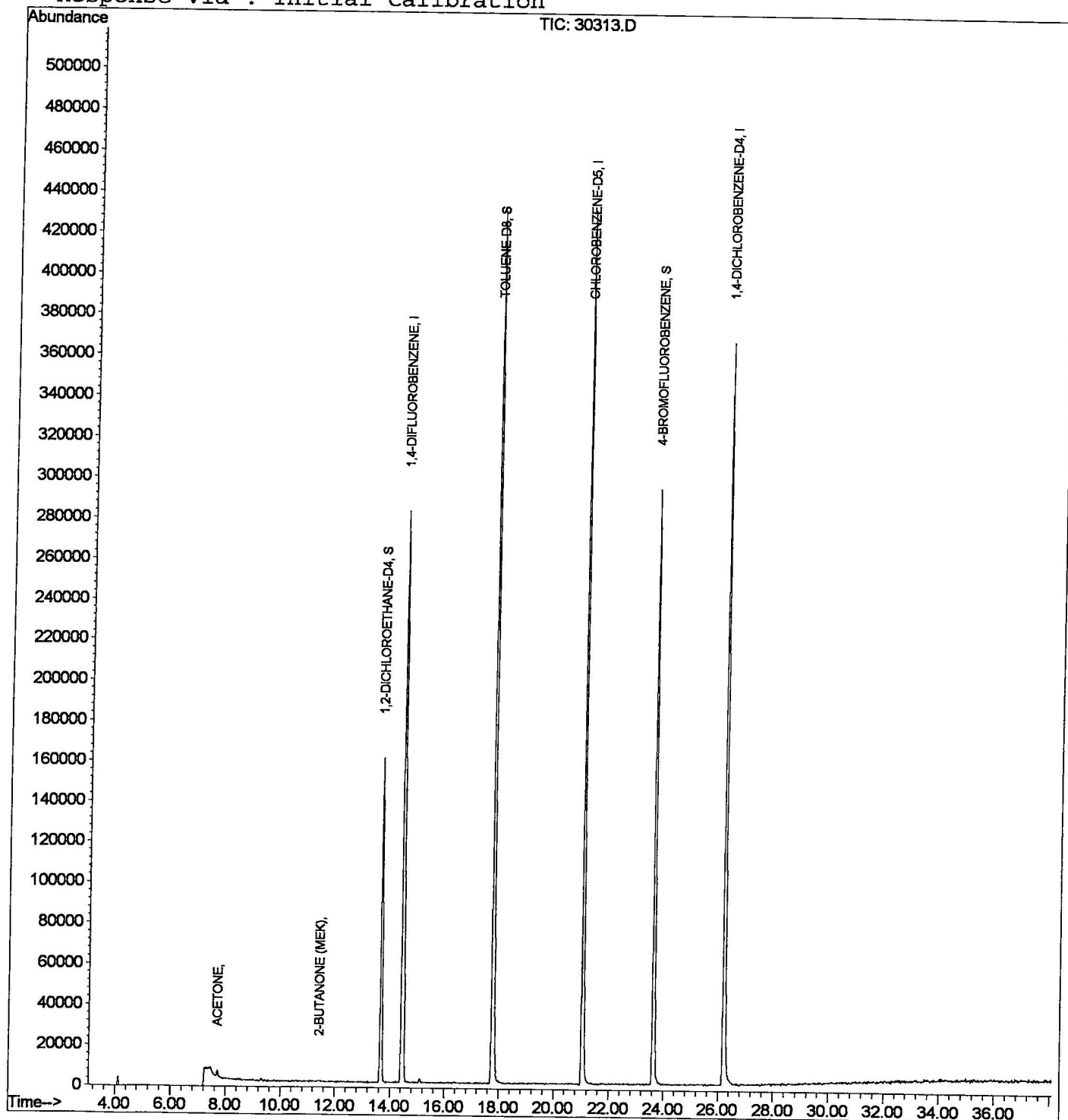
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30313.D  
 Acq On : 19 Dec 2001 10:58 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 19 23:37 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



30313.D HP121001.M

Wed Dec 19 23:37:17 2001

Page 2

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30313.D  
 Acq On : 19 Dec 2001 10:58 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

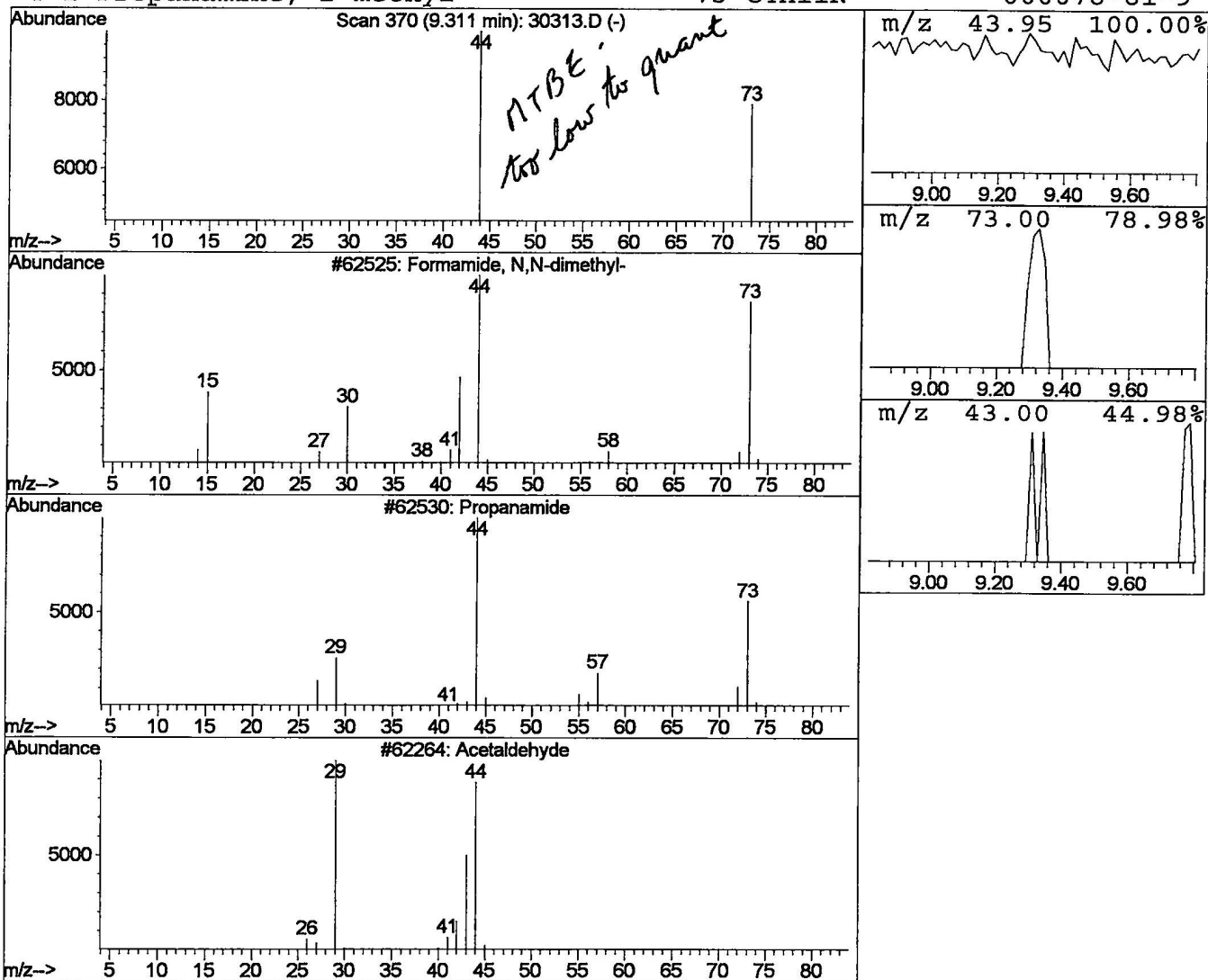
Vial: 7  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 4 Formamide, N,N-dimethyl- Concentration Rank 5

| R.T. | EstConc   | Area | Relative to ISTD    | R.T.  |
|------|-----------|------|---------------------|-------|
| 9.31 | 0.02 ug/L | 6248 | 1,4-DIFLUOROBENZENE | 14.44 |

| Hit# of 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|-----------|--------------------------|----|---------|-------------|------|
| 1         | Formamide, N,N-dimethyl- | 73 | C3H7NO  | 000068-12-2 | 4    |
| 2         | Propanamide              | 73 | C3H7NO  | 000079-05-0 | 4    |
| 3         | Acetaldehyde             | 44 | C2H4O   | 000075-07-0 | 4    |
| 4         | 1-Propanamine, 2-methyl- | 73 | C4H11N  | 000078-81-9 | 3    |





## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30313.D  
Acq On : 19 Dec 2001 10:58 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P

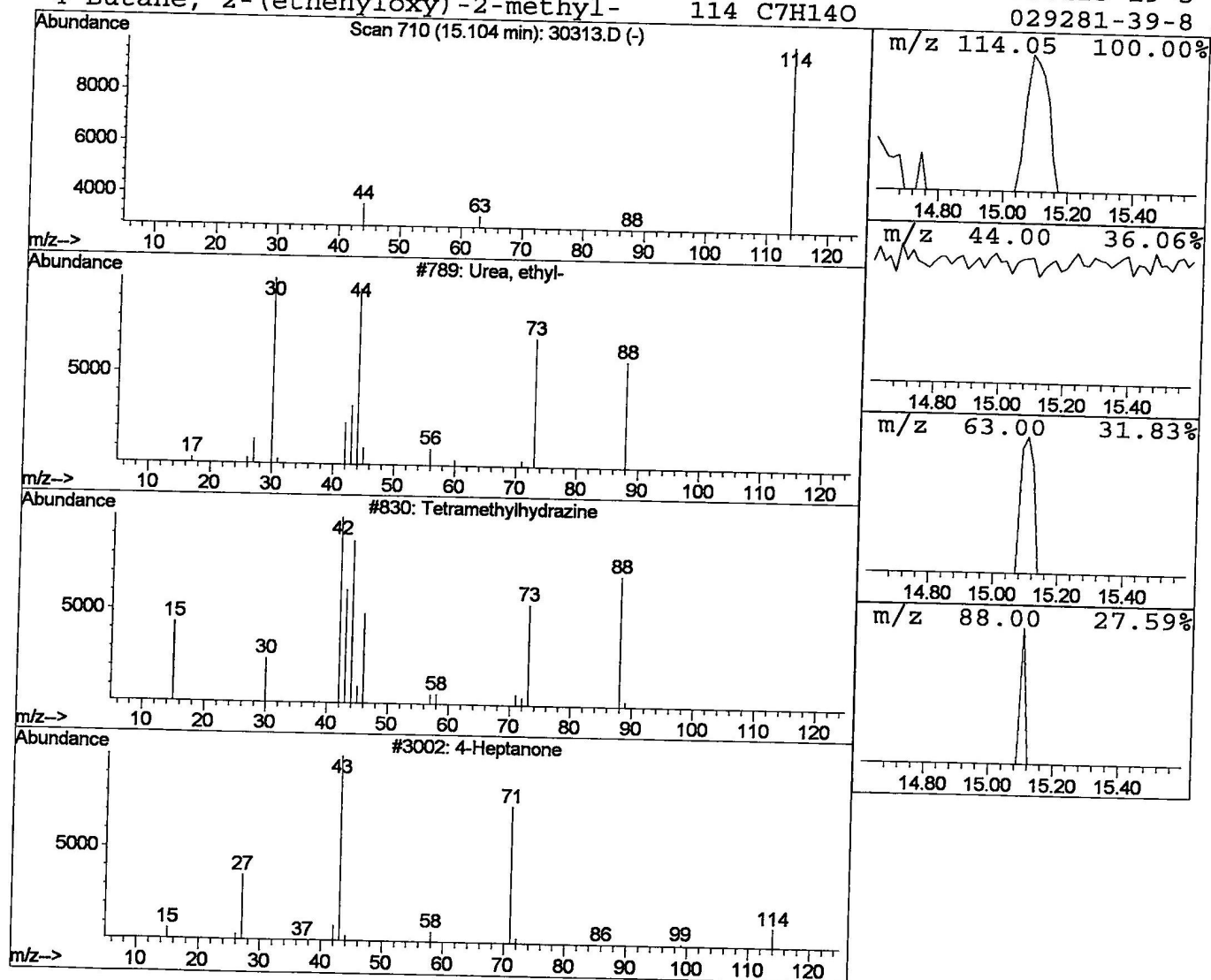
Vial: 7  
Operator: 206-BH  
Inst : GC/MS Ins  
Multiplr: 1.00

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

\*\*\*\*\*  
Peak Number 5 Urea, ethyl- Concentration Rank 3

| R.T.  | EstConc   | Area | Relative to ISTD    | R.T.  |
|-------|-----------|------|---------------------|-------|
| 15.10 | 0.03 ug/L | 8674 | 1,4-DIFLUOROBENZENE | 14.44 |

| Hit# of 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|-----------|----------------------------------|-----|---------|-------------|------|
| 1         | Urea, ethyl-                     | 88  | C3H8N2O | 000625-52-5 | 4    |
| 2         | Tetramethylhydrazine             | 88  | C4H12N2 | 006415-12-9 | 4    |
| 3         | 4-Heptanone                      | 114 | C7H14O  | 000123-19-3 | 3    |
| 4         | Butane, 2-(ethenyloxy)-2-methyl- | 114 | C7H14O  | 029281-39-8 | 3    |



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 13:52:25

Sample: AD30314  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/19/01 00:01 Ended: 12/19/01 00:01 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30314.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 6.2    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 3.9    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.3    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

|             |                 |
|-------------|-----------------|
| REVIEWED BY | <i>AV</i>       |
| DATE        | <i>12/21/01</i> |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 13:52:25

Sample: AD30314

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/19/01 00:01 Ended: 12/19/01 00:01 Analyst: BH

Result source: m:\instruments\206\rrfiles\30314.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\01dec19\30314.D  
Acq On : 19 Dec 2001 11:42 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 20 0:20 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 : Wed Dec 19 08:54:09 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  | 503846   | 5.00 | ug/L    | 0.10      |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 488939   | 5.00 | ug/L    | 0.08      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 215441   | 5.00 | ug/L    | 0.10      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 207022   | 6.24 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 124.80% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.64 | 174  | 150369   | 3.89 | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 77.80%  |           |
| 23) TOLUENE-D8              | 17.78 | 98   | 684255   | 5.28 | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 105.60% |           |
| Target Compounds            |       |      |          |      |         | Qvalue    |
| 10) ACETONE                 | 7.70  | 43   | 32671    | 9.67 | ug/L    | 99        |
| 16) 2-BUTANONE (MEK)        | 11.42 | 43   | 2919     | 0.49 | ug/L    | 64        |

-----  
(#) = qualifier out of range (m) = manual integration  
30314.D HP121001.M Thu Dec 20 00:20:45 2001

Page 1

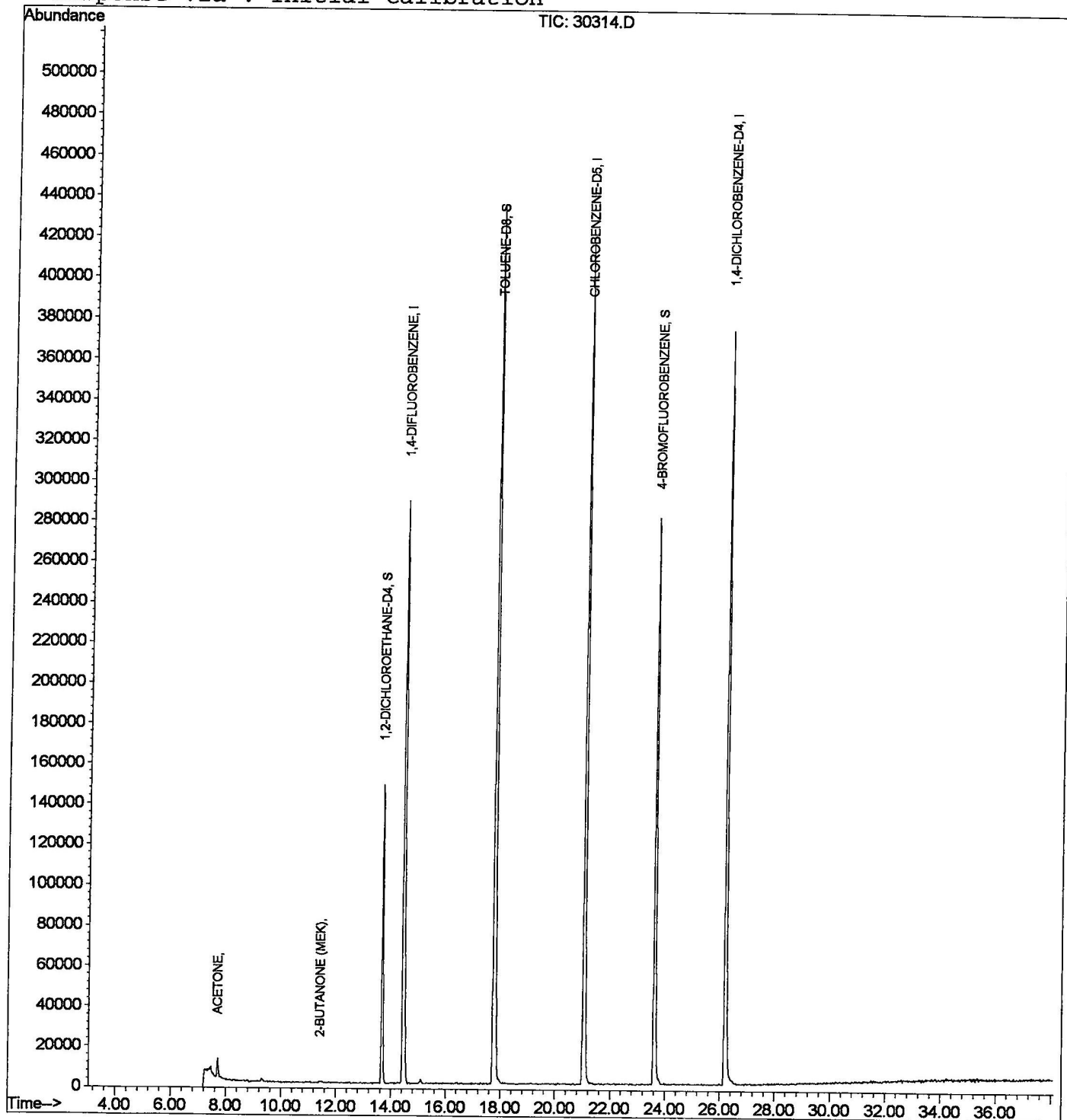
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30314.D  
Acq On : 19 Dec 2001 11:42 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 20 0:20 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



30314.D HP121001.M

Thu Dec 20 00:20:49 2001

Page 2

## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30314.D  
Acq On : 19 Dec 2001 11:42 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P

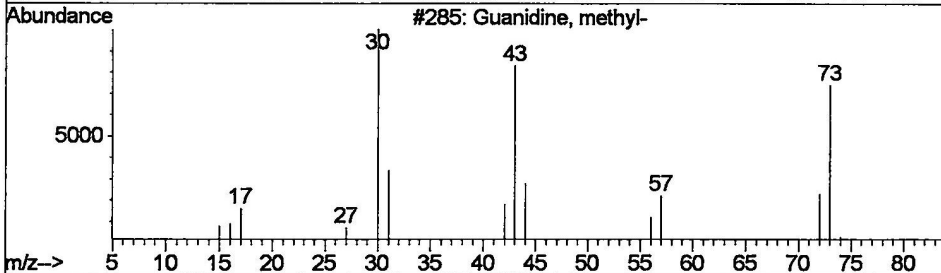
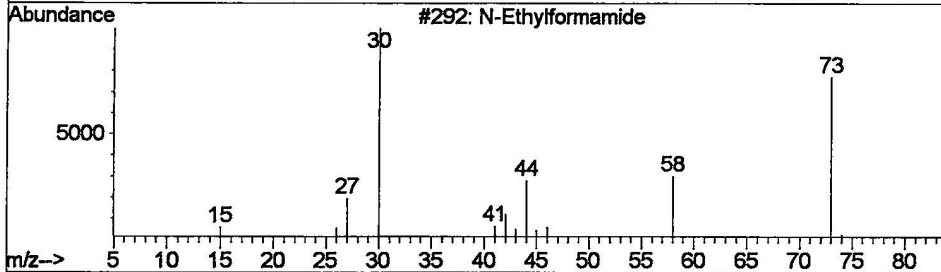
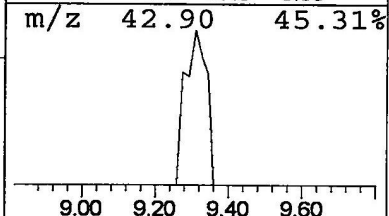
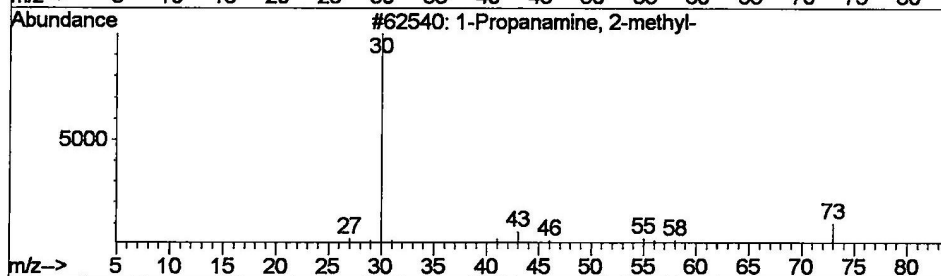
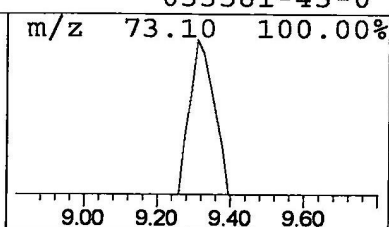
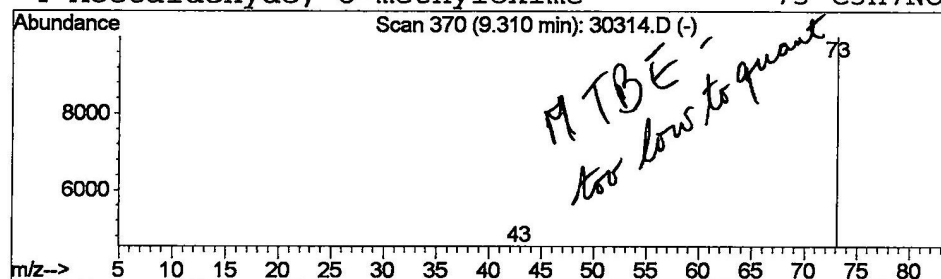
Vial: 8  
Operator: 206-BH  
Inst : GC/MS Ins  
Multiplr: 1.00

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-Propanamine, 2-methyl- Concentration Rank 3

| R.T. | EstConc   | Area | Relative to ISTD    | R.T.  |
|------|-----------|------|---------------------|-------|
| 9.31 | 0.03 ug/L | 6699 | 1,4-DIFLUOROBENZENE | 14.46 |

| Hit# | of | 5 | Tentative ID                | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|----|---------|-------------|------|
| 1    |    |   | 1-Propanamine, 2-methyl-    | 73 | C4H11N  | 000078-81-9 | 3    |
| 2    |    |   | N-Ethylformamide            | 73 | C3H7NO  | 000627-45-2 | 2    |
| 3    |    |   | Guanidine, methyl-          | 73 | C2H7N3  | 000471-29-4 | 2    |
| 4    |    |   | Acetaldehyde, O-methyloxime | 73 | C3H7NO  | 033581-43-0 | 2    |



# Library Search Compound Report

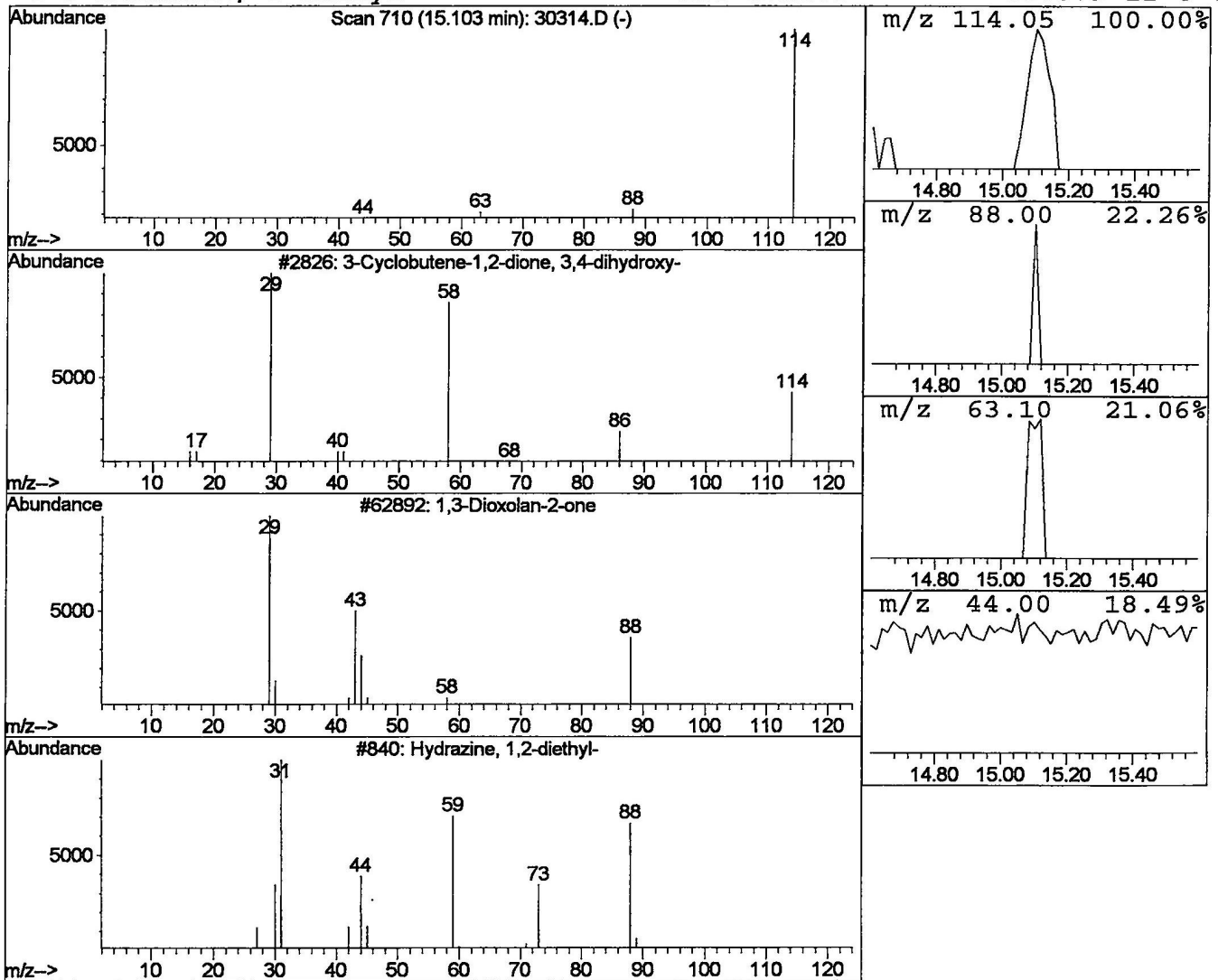
Data File : C:\HPCHEM\1\DATA\01dec19\30314.D  
 Acq On : 19 Dec 2001 11:42 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

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

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

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

| R.T.    | EstConc   | Area                                | Relative to ISTD    | R.T.    |             |      |
|---------|-----------|-------------------------------------|---------------------|---------|-------------|------|
| 15.10   | 0.03 ug/L | 7689                                | 1,4-DIFLUOROBENZENE | 14.46   |             |      |
| Hit# of | 5         | Tentative ID                        | MW                  | MolForm | CAS#        | Qual |
| 1       |           | 3-Cyclobutene-1,2-dione, 3,4-dihydr | 114                 | C4H2O4  | 002892-51-5 | 4    |
| 2       |           | 1,3-Dioxolan-2-one                  | 88                  | C3H4O3  | 000096-49-1 | 4    |
| 3       |           | Hydrazine, 1,2-diethyl-             | 88                  | C4H12N2 | 001615-80-1 | 4    |
| 4       |           | 3-Hexanone, 2-methyl-               | 114                 | C7H14O  | 007379-12-6 | 4    |



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 13:54:18

Sample: AD30423

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/20/01 00:02 Ended: 12/20/01 00:02 Analyst: BH

Result source: m:\instruments\206\rrfiles\30423.rr

Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 6.5    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 3.8    |           | 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              |      | 5.3    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

REVIEWED BY *AN*  
 DATE *12/21/01*



User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 13:54:18

Sample: AD30423

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/20/01 00:02 Ended: 12/20/01 00:02 Analyst: BH

Result source: m:\instruments\206\rrfiles\30423.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\01dec19\30423.D

Vial: 9

Acq On : 20 Dec 2001 12:25 am

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 20 1:04 2001

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

Last Update : Wed Dec 19 08:54:09 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  | 517930   | 5.00 | ug/L    | 0.10      |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 493779   | 5.00 | ug/L    | 0.08      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 216714   | 5.00 | ug/L    | 0.10      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 221291   | 6.49 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 129.80% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.64 | 174  | 150509   | 3.79 | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 75.80%  |           |
| 23) TOLUENE-D8              | 17.78 | 98   | 688202   | 5.26 | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 105.20% |           |
| Target Compounds            |       |      |          |      |         |           |
| 10) ACETONE                 | 7.70  | 43   | 21970    | 6.32 | ug/L    | Qvalue 92 |
| 16) 2-BUTANONE (MEK)        | 11.42 | 43   | 2058     | 0.34 | ug/L    | 64        |

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

30423.D HP121001.M Thu Dec 20 01:04:23 2001

Page 1

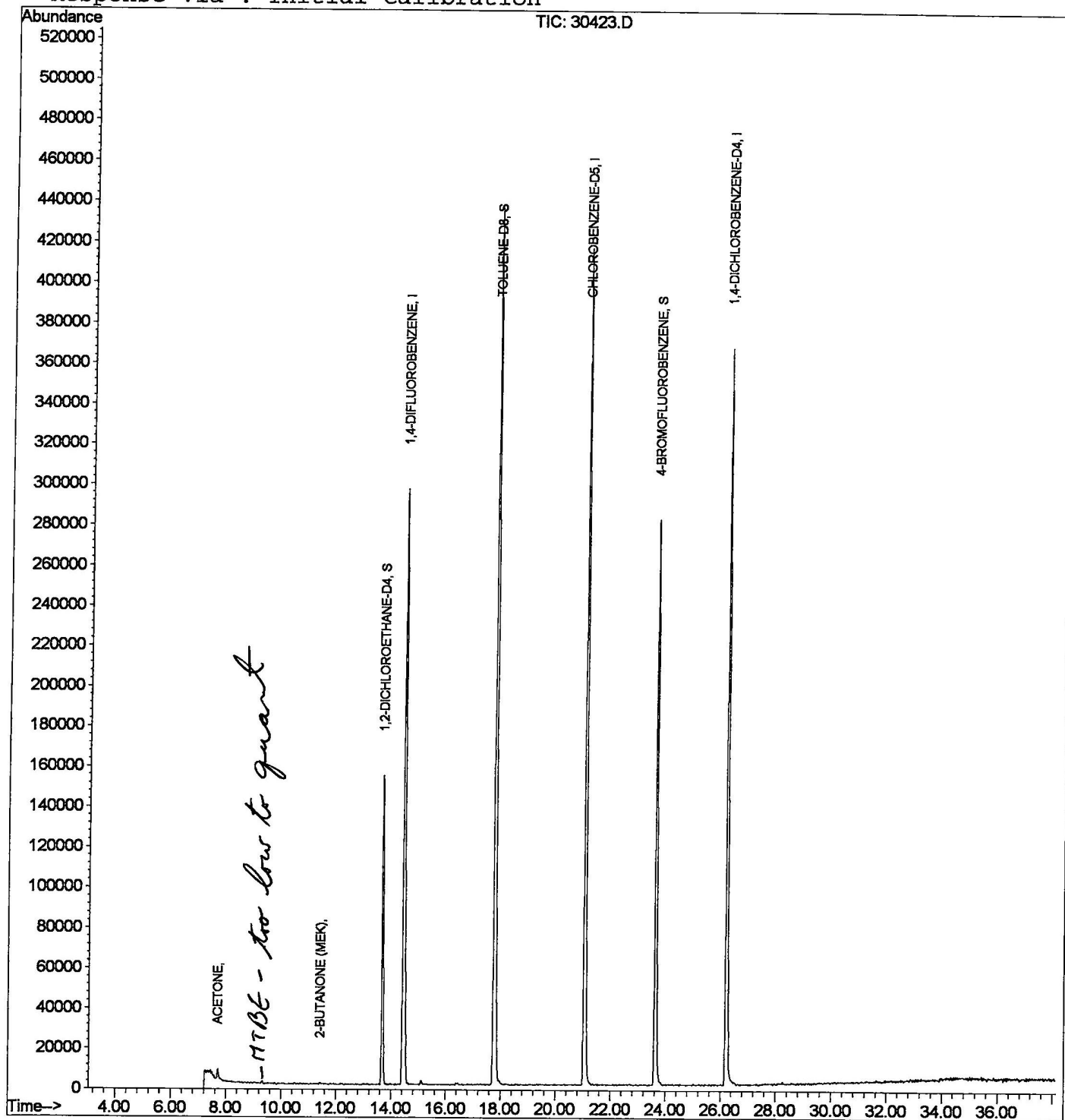
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30423.D  
Acq On : 20 Dec 2001 12:25 am  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 20 1:04 2001

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

Quant Results File: HP121001.RES

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



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30423.D  
 Acq On : 20 Dec 2001 12:25 am  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

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

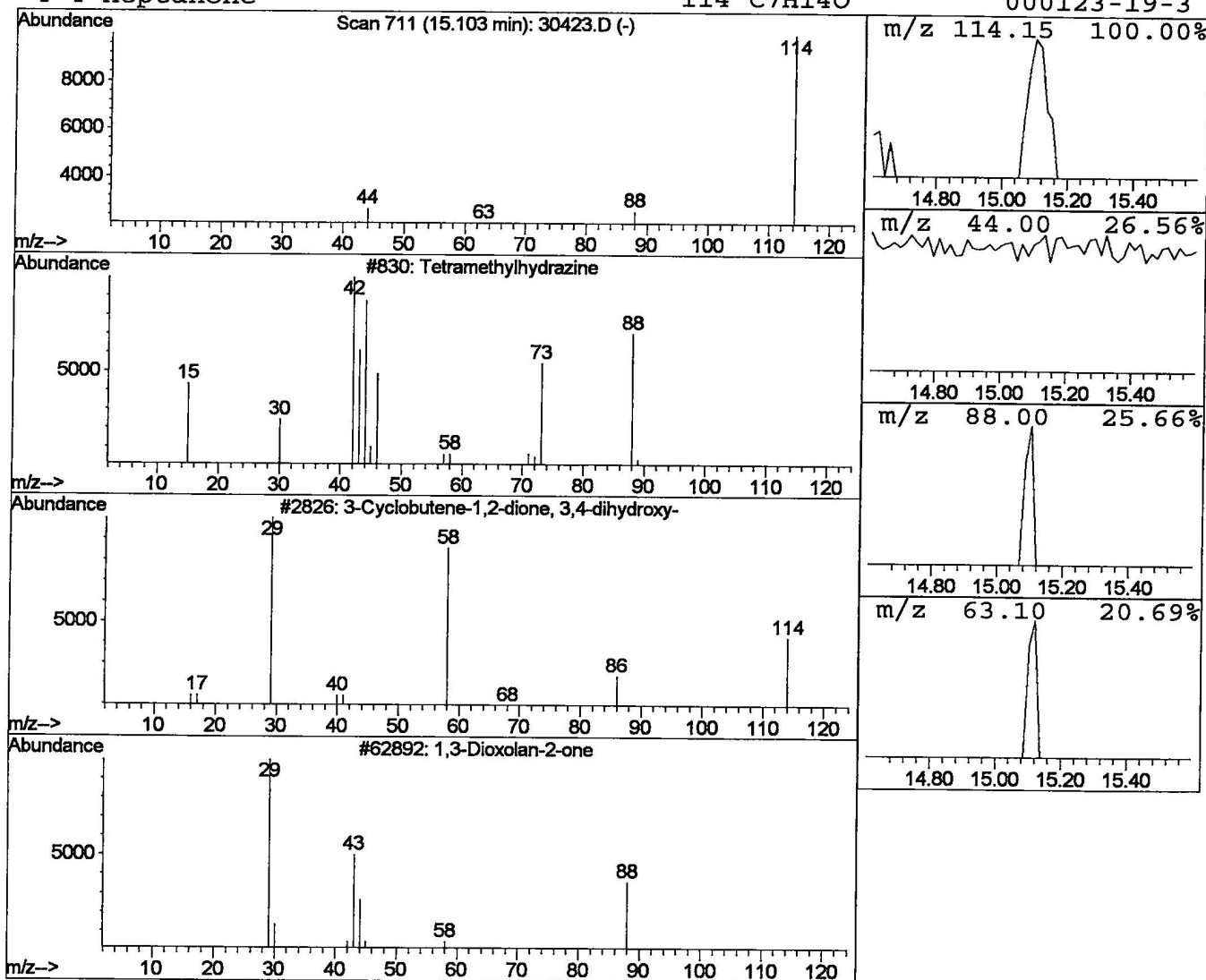
Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)  
 Title : VOCs BY EPA METHOD 524  
 Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
 Peak Number 2 Tetramethylhydrazine Concentration Rank 2

| R.T.  | EstConc   | Area | Relative to ISTD    | R.T.  |
|-------|-----------|------|---------------------|-------|
| 15.10 | 0.03 ug/L | 9043 | 1,4-DIFLUOROBENZENE | 14.46 |

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



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 13:55:11

Sample: AD30424

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/20/01 00:01 Ended: 12/20/01 00:01 Analyst: BH

Result source: m:\instruments\206\rrfiles\30424.rr

Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 6.2    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 3.9    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.1    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

|             |           |
|-------------|-----------|
| REVIEWED BY | <i>RV</i> |
| DATE        | 12/21/01  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 13:55:11

Sample: AD30424

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/20/01 00:01 Ended: 12/20/01 00:01 Analyst: BH

Result source: m:\instruments\206\rrfiles\30424.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\01dec19\30424.D  
 Acq On : 20 Dec 2001 1:09 am  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 20 1:47 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 : Wed Dec 19 08:54:09 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  | 502496   | 5.00 | ug/L    | 0.10      |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 482611   | 5.00 | ug/L    | 0.09      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 215047   | 5.00 | ug/L    | 0.10      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.69 | 65   | 205796   | 6.22 | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 124.40% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.64 | 174  | 150267   | 3.90 | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 78.00%  |           |
| 23) TOLUENE-D8              | 17.78 | 98   | 651630   | 5.09 | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 101.80% |           |
| Target Compounds            |       |      |          |      |         |           |
| 10) ACETONE                 | 7.70  | 43   | 24592    | 7.30 | ug/L    | Qvalue 91 |
| 16) 2-BUTANONE (MEK)        | 11.44 | 43   | 2059     | 0.35 | ug/L    | 64        |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30424.D HP121001.M Thu Dec 20 01:47:55 2001

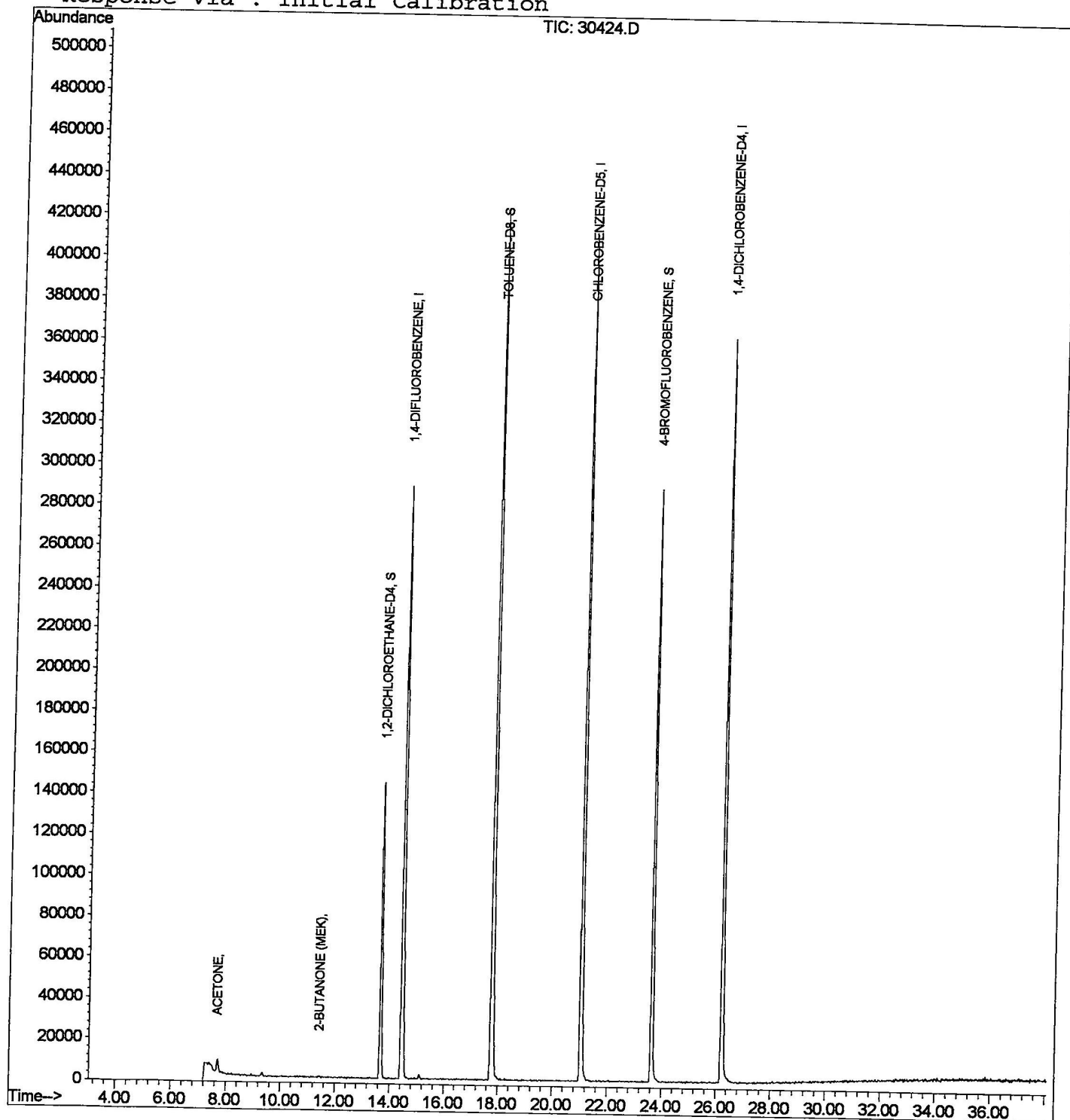
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30424.D  
Acq On : 20 Dec 2001 1:09 am  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 20 1:47 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



30424.D HP121001.M

Thu Dec 20 01:47:58 2001

Page 2



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30424.D  
 Acq On : 20 Dec 2001 1:09 am  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

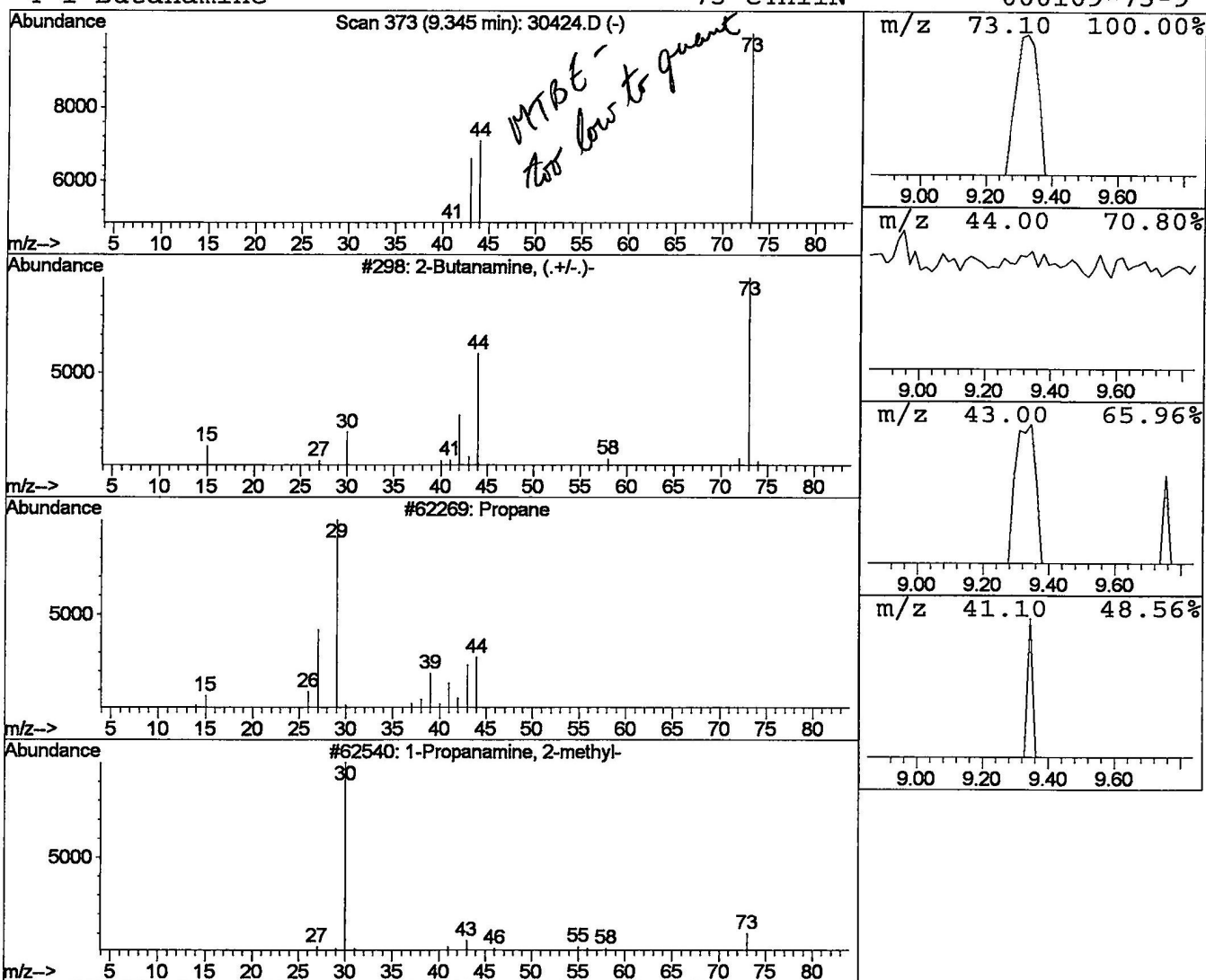
Vial: 10  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 2 2-Butanamine, (./-.)- Concentration Rank 3

| R.T. | EstConc   | Area | Relative to ISTD    | R.T.  |
|------|-----------|------|---------------------|-------|
| 9.35 | 0.03 ug/L | 7782 | 1,4-DIFLUOROBENZENE | 14.46 |

| Hit# | of | 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|----|---------|-------------|------|
| 1    |    |   | 2-Butanamine, (./-.)-    | 73 | C4H11N  | 033966-50-6 | 4    |
| 2    |    |   | Propane                  | 44 | C3H8    | 000074-98-6 | 4    |
| 3    |    |   | 1-Propanamine, 2-methyl- | 73 | C4H11N  | 000078-81-9 | 3    |
| 4    |    |   | 1-Butanamine             | 73 | C4H11N  | 000109-73-9 | 3    |



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30424.D  
 Acq On : 20 Dec 2001 1:09 am  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

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

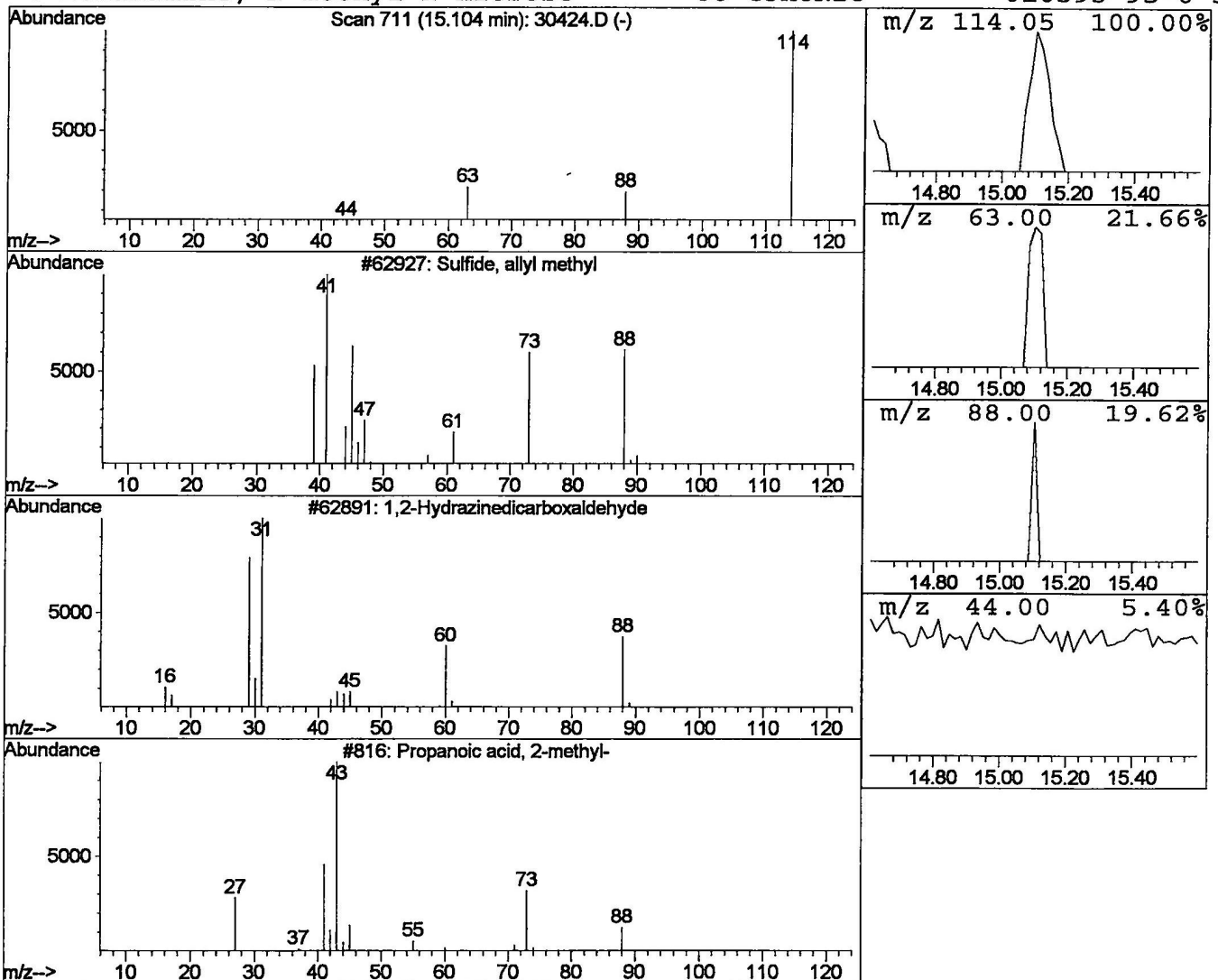
Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)  
 Title : VOCs BY EPA METHOD 524  
 Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
 Peak Number 3 Sulfide, allyl methyl Concentration Rank 2

| R.T.  | EstConc   | Area | Relative to ISTD    | R.T.  |
|-------|-----------|------|---------------------|-------|
| 15.10 | 0.04 ug/L | 9393 | 1,4-DIFLUOROBENZENE | 14.46 |

| Hit# of | 5 | Tentative ID                    | MW | MolForm  | CAS#        | Qual |
|---------|---|---------------------------------|----|----------|-------------|------|
| 1       |   | Sulfide, allyl methyl           | 88 | C4H8S    | 010152-76-8 | 3    |
| 2       |   | 1,2-Hydrazinedicarboxaldehyde   | 88 | C2H4N2O2 | 000628-36-4 | 3    |
| 3       |   | Propanoic acid, 2-methyl-       | 88 | C4H8O2   | 000079-31-2 | 3    |
| 4       |   | Ethanamine, N-methyl-N-nitroso- | 88 | C3H8N2O  | 010595-95-6 | 3    |



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 13:58:27

Sample: AD30425

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/20/01 00:01 Ended: 12/20/01 00:01 Analyst: BH

Result source: m:\instruments\206\rrfiles\30425.rr

Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 6.4    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 3.9    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.2    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

|             |                 |
|-------------|-----------------|
| REVIEWED BY | <u>AV</u>       |
| DATE        | <u>12/24/01</u> |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 13:58:27

Sample: AD30425

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/20/01 00:01 Ended: 12/20/01 00:01 Analyst: BH

Result source: m:\instruments\206\rrfiles\30425.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\01dec19\30425.D

Acq On : 20 Dec 2001 1:52 am

Sample : nyc

Misc :

MS Integration Params: LSCINT.P

Quant Time: Dec 20 2:31 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 : Wed Dec 19 08:54:09 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  | 498974   | 5.00 | ug/L    | 0.10      |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 481258   | 5.00 | ug/L    | 0.08      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.23 | 152  | 210661   | 5.00 | ug/L    | 0.12      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.69 | 65   | 211950   | 6.45 | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 129.00% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.64 | 174  | 148818   | 3.89 | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 77.80%  |           |
| 23) TOLUENE-D8              | 17.78 | 98   | 669548   | 5.25 | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 105.00% |           |
| Target Compounds            |       |      |          |      |         |           |
| 10) ACETONE                 | 7.70  | 43   | 14036    | 4.19 | ug/L    | Qvalue 94 |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 3037     | 0.51 | ug/L    | 64        |

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

30425.D HP121001.M Thu Dec 20 02:31:31 2001

Page 1

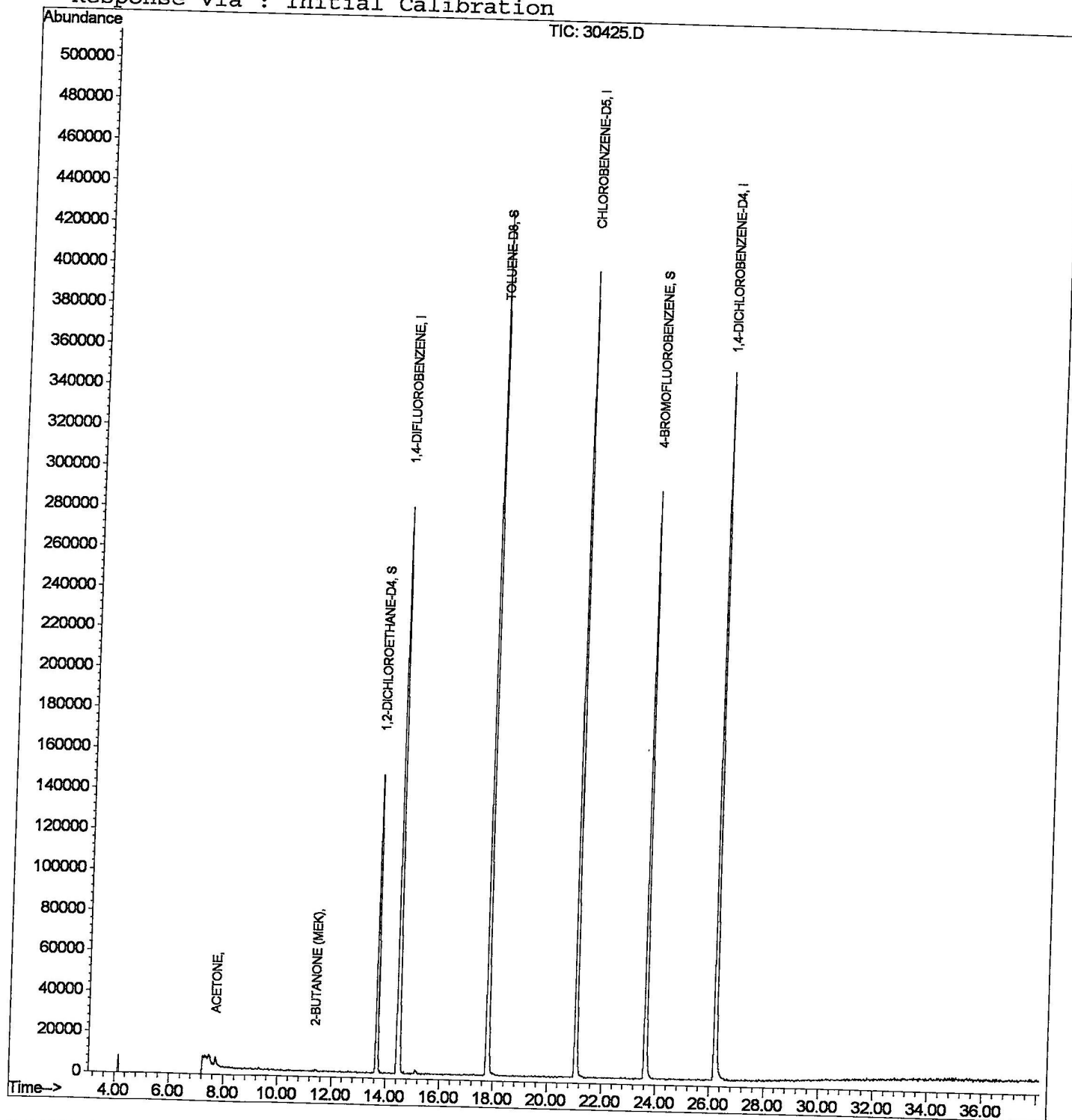
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30425.D  
Acq On : 20 Dec 2001 1:52 am  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 20 2:31 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



30425.D HP121001.M

Thu Dec 20 02:31:34 2001

Page 2

User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 12:16:01

Sample: AD30113

Analysis: \$F\_524 Volatile Organic Compounds-Field Blank

Units: ug

Started: 12/20/01 00:02 Ended: 12/20/01 00:02 Analyst: BH

Result source: m:\instruments\206\rrfiles\30113f.rr

Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr_1,2-DICHLOROETHANE-       |      | 6.2    |           | .5  |
| 2  | Surr_4-BROMOFLUOROBENZE        |      | 3.8    |           | .5  |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | .5  |
| 4  | Chloromethane                  |      | < MDL  |           | .5  |
| 5  | Vinyl chloride                 |      | < MDL  |           | .5  |
| 6  | Bromomethane                   |      | < MDL  |           | .5  |
| 7  | Chloroethane                   |      | < MDL  |           | .5  |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | .5  |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | .5  |
| 10 | Methylene Chloride             |      | < MDL  |           | .5  |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | .5  |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | .5  |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | .5  |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | .5  |
| 17 | Chloroform                     |      | < MDL  |           | .5  |
| 18 | Bromochloromethane             |      | < MDL  |           | .5  |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | .5  |
| 20 | Surr_TOLUENE-D8                |      | 5.3    |           | .5  |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | .5  |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | .5  |
| 23 | Carbon tetrachloride           |      | < MDL  |           | .5  |
| 24 | Benzene                        |      | < MDL  |           | .5  |
| 25 | Trichloroethene                |      | < MDL  |           | .5  |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | .5  |
| 27 | Dibromomethane                 |      | < MDL  |           | .5  |
| 28 | Bromodichloromethane           |      | < MDL  |           | .5  |
| 29 | Methy iso-butyl ketone (MIBK)  |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | .5  |
| 31 | Toluene                        |      | < MDL  |           | .5  |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | .5  |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | .5  |
| 34 | Tetrachloroethene              |      | < MDL  |           | .5  |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | .5  |
| 36 | Dibromochloromethane           |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | .5  |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | .5  |
| 39 | Ethylbenzene                   |      | < MDL  |           | .5  |
| 40 | P & M-xylene                   |      | < MDL  |           | .5  |
| 41 | O-xylene                       |      | < MDL  |           | .5  |
| 42 | Styrene                        |      | < MDL  |           | .5  |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | .5  |
| 44 | Bromoform                      |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | .5  |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | .5  |
| 47 | N-propylbenzene                |      | < MDL  |           | .5  |
| 48 | Bromobenzene                   |      | < MDL  |           | .5  |

*Acetone -37*

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 12:16:01

Sample: AD30113

Analysis: \$F\_524 Volatile Organic Compounds-Field Blank

Units: ug

Started: 12/20/01 00:02 Ended: 12/20/01 00:02 Analyst: BH

Result source: m:\instruments\206\rrfiles\30113f.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\01dec19\30113F.D  
 Acq On : 20 Dec 2001 2:36 am  
 Sample : nyc fb  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 20 3:15 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 : Wed Dec 19 08:54:09 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  | 516377   | 5.00  | ug/L    | 0.10      |
| 22) CHLOROBENZENE-D5        | 21.07 | 117  | 483720   | 5.00  | ug/L    | 0.10      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.23 | 152  | 217208   | 5.00  | ug/L    | 0.12      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.69 | 65   | 211872   | 6.23  | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 124.60% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.64 | 174  | 151858   | 3.83  | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 76.60%  |           |
| 23) TOLUENE-D8              | 17.78 | 98   | 678121   | 5.29  | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 105.80% |           |
| Target Compounds            |       |      |          |       |         |           |
| 10) ACETONE                 | 7.70  | 43   | 112553   | 32.49 | ug/L    | Qvalue 95 |
| 12) METHYLENE CHLORIDE .43  | 9.02  | 49   | 12123    | 0.43  | ug/L    | 94        |
| 13) METHYL TERT BUTYL ETHER | 9.33  | 73   | 5416     | 0.14  | ug/L    | 97        |
| 16) 2-BUTANONE (MEK)        | 11.42 | 43   | 2199     | 0.36  | ug/L    | 64        |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30113F.D HP121001.M Thu Dec 20 03:15:12 2001

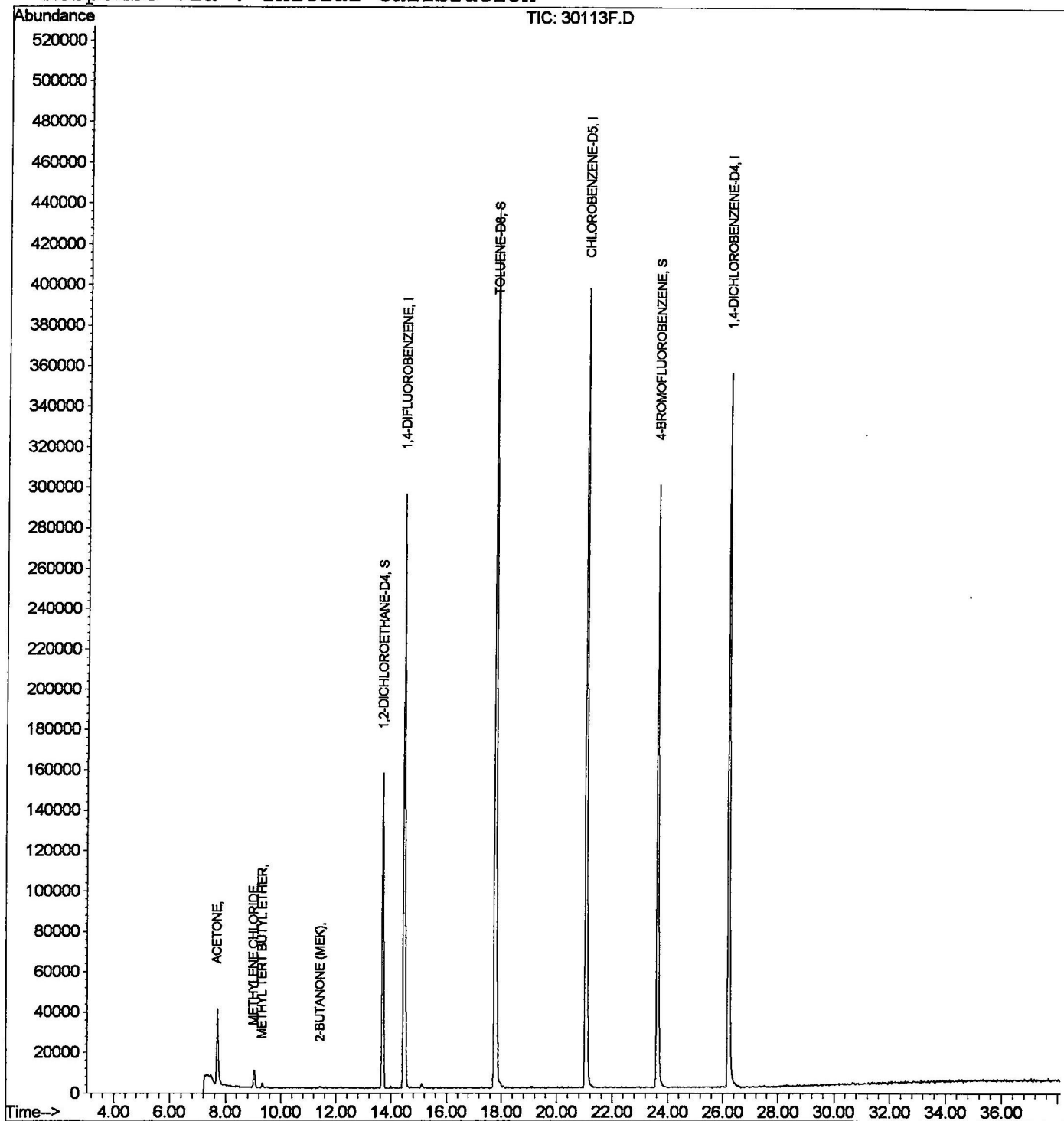
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30113F.D  
Acq On : 20 Dec 2001 2:36 am  
Sample : nyc fb  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 20 3:15 2001

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

Quant Results File: HP121001.RES

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



## Library Search Compound Report

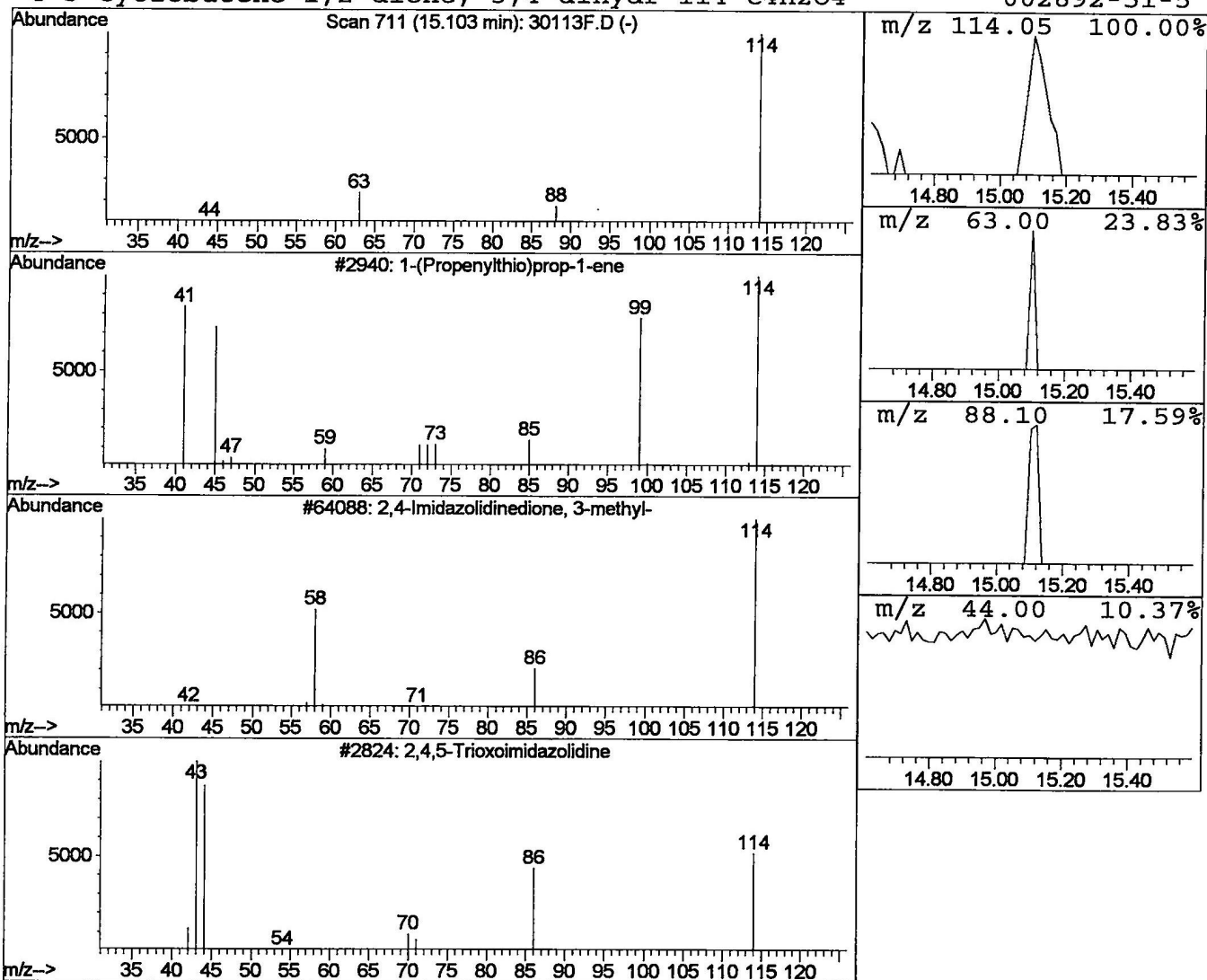
Data File : C:\HPCHEM\1\DATA\01dec19\30113F.D  
Acq On : 20 Dec 2001 2:36 am  
Sample : nyc fb  
Misc :  
MS Integration Params: LSCINT.P

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 3 1-(Propenylthio)prop-1-ene Concentration Rank 3

| R.T.    | EstConc   | Area                                | Relative to ISTD    | R.T.     |             |      |
|---------|-----------|-------------------------------------|---------------------|----------|-------------|------|
| 15.10   | 0.03 ug/L | 8683                                | 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: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 13:33:58

Sample: AD30117  
 Analysis: \$F\_524 Volatile Organic Compounds-Field Blank  
 Units: ug  
 Started: 12/20/01 00:03 Ended: 12/20/01 00:03 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30117f.rr  
 Page: 1

|    | Component Name                 | Vol | Result | Qualifier | MDL |
|----|--------------------------------|-----|--------|-----------|-----|
| 1  | Surr_1,2-DICHLOROETHANE-       |     | 6.3    |           | .5  |
| 2  | Surr_4-BROMOFLUOROBENZE        |     | 3.8    |           | .5  |
| 3  | Dichlorodifluoromethane        |     | < MDL  |           | .5  |
| 4  | Chloromethane                  |     | < MDL  |           | .5  |
| 5  | Vinyl chloride                 |     | < MDL  |           | .5  |
| 6  | Bromomethane                   |     | < MDL  |           | .5  |
| 7  | Chloroethane                   |     | < MDL  |           | .5  |
| 8  | Trichlorofluoromethane         |     | < MDL  |           | .5  |
| 9  | 1,1-Dichloroethene             |     | < MDL  |           | .5  |
| 10 | Methylene Chloride             |     | < MDL  |           | .5  |
| 11 | Methyl tert-butyl ether (MTBE) |     | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |     | < MDL  |           | .5  |
| 13 | 1,1-dichloroethane             |     | < MDL  |           | .5  |
| 14 | 2-butanone (MEK)               |     | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |     | < MDL  |           | .5  |
| 16 | cis-1,2-dichloroethene         |     | < MDL  |           | .5  |
| 17 | Chloroform                     |     | < MDL  |           | .5  |
| 18 | Bromochloromethane             |     | < MDL  |           | .5  |
| 19 | 1,2-dichloroethane             |     | < MDL  |           | .5  |
| 20 | Surr_TOLUENE-D8                |     | 5.1    |           | .5  |
| 21 | 1,1,1- trichloroethane         |     | < MDL  |           | .5  |
| 22 | 1,1-dichloropropene            |     | < MDL  |           | .5  |
| 23 | Carbon tetrachloride           |     | < MDL  |           | .5  |
| 24 | Benzene                        |     | < MDL  |           | .5  |
| 25 | Trichloroethene                |     | < MDL  |           | .5  |
| 26 | 1,2-dichloropropane            |     | < MDL  |           | .5  |
| 27 | Dibromomethane                 |     | < MDL  |           | .5  |
| 28 | Bromodichloromethane           |     | < MDL  |           | .5  |
| 29 | Methy iso-butyl ketone (MIBK)  |     | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |     | < MDL  |           | .5  |
| 31 | Toluene                        |     | < MDL  |           | .5  |
| 32 | trans-1,3-dichloropropene      |     | < MDL  |           | .5  |
| 33 | 1,1,2-trichloroethane          |     | < MDL  |           | .5  |
| 34 | Tetrachloroethene              |     | < MDL  |           | .5  |
| 35 | 1,3-dichloropropane            |     | < MDL  |           | .5  |
| 36 | Dibromochloromethane           |     | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |     | < MDL  |           | .5  |
| 38 | 1,1,1,2-tetrachloroethane      |     | < MDL  |           | .5  |
| 39 | Ethylbenzene                   |     | < MDL  |           | .5  |
| 40 | P & M-xylene                   |     | < MDL  |           | .5  |
| 41 | O-xylene                       |     | < MDL  |           | .5  |
| 42 | Styrene                        |     | < MDL  |           | .5  |
| 43 | 1,1,2,2-tetrachloroethane      |     | < MDL  |           | .5  |
| 44 | Bromoform                      |     | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |     | < MDL  |           | .5  |
| 46 | 1,2,3-trichloropropane         |     | < MDL  |           | .5  |
| 47 | N-propylbenzene                |     | < MDL  |           | .5  |
| 48 | Bromobenzene                   |     | < MDL  |           | .5  |

*Acetone - 31*

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 13:33:58

Sample: AD30117  
Analysis: \$F\_524 Volatile Organic Compounds-Field Blank  
Units: ug  
Started: 12/20/01 00:03 Ended: 12/20/01 00:03 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30117f.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\01dec19\30117F.D

Vial: 13

Acq On : 20 Dec 2001 3:19 am

Operator: 206-BH

Sample : nyc fb

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 20 3:58 2001

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

Last Update : Wed Dec 19 08:54:09 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  | 497576   | 5.00  | ug/L    | 0.10      |
| 22) CHLOROBENZENE-D5        | 21.07 | 117  | 482022   | 5.00  | ug/L    | 0.10      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.23 | 152  | 204818   | 5.00  | ug/L    | 0.12      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.69 | 65   | 207625   | 6.33  | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 126.60% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.64 | 174  | 144318   | 3.78  | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 75.60%  |           |
| 23) TOLUENE-D8              | 17.78 | 98   | 657293   | 5.14  | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 102.80% |           |
| Target Compounds            |       |      |          |       |         |           |
| 10) ACETONE                 | 7.70  | 43   | 103811   | 31.10 | ug/L    | Qvalue 95 |
| 12) METHYLENE CHLORIDE      | 9.02  | 49   | 11103    | 0.41  | ug/L    | 89        |
| 13) METHYL TERT BUTYL ETHER | 9.31  | 73   | 4929     | 0.14  | ug/L    | 93        |
| 16) 2-BUTANONE (MEK)        | 11.42 | 43   | 1439     | 0.24  | ug/L    | 64        |

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

30117F.D HP121001.M Thu Dec 20 03:58:55 2001

Page 1

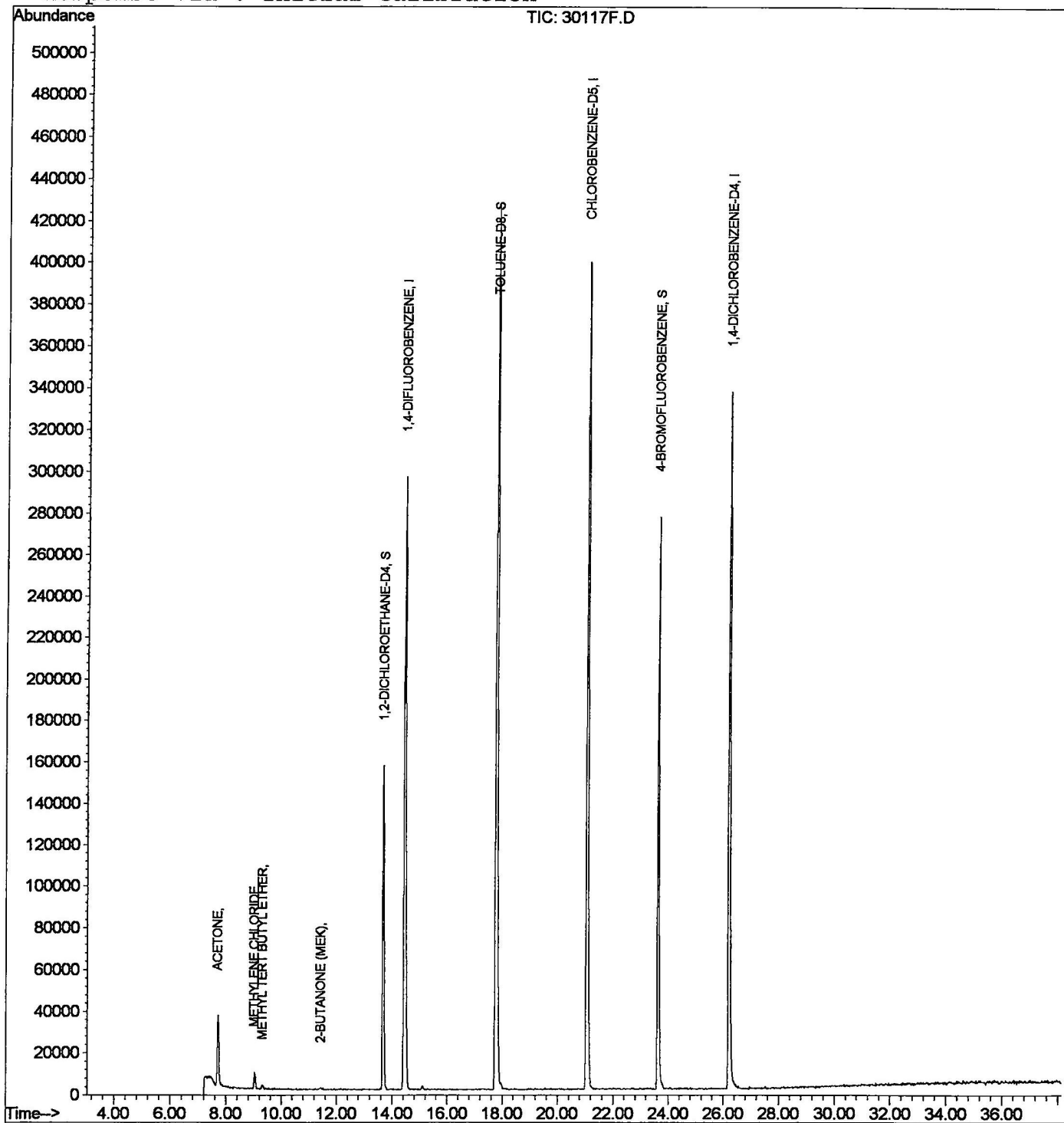
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30117F.D  
Acq On : 20 Dec 2001 3:19 am  
Sample : nyc fb  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 20 3:58 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\01dec19\30117F.D  
 Acq On : 20 Dec 2001 3:19 am  
 Sample : nyc fb  
 Misc :  
 MS Integration Params: LSCINT.P

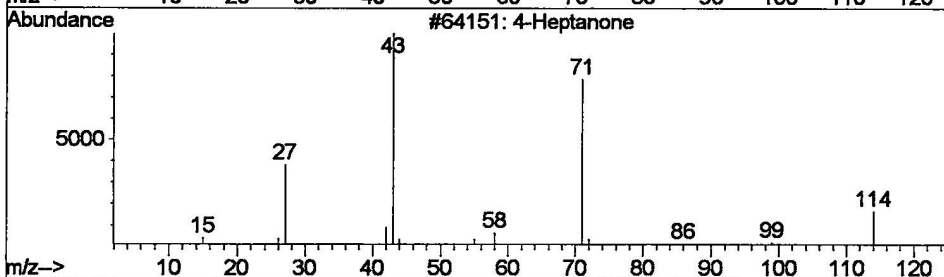
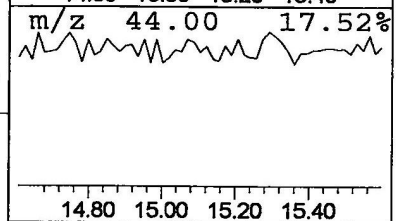
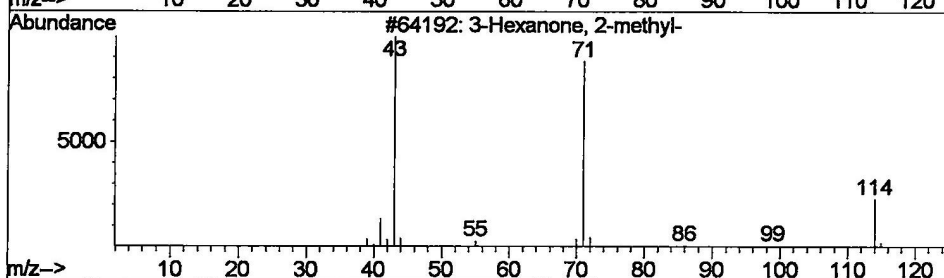
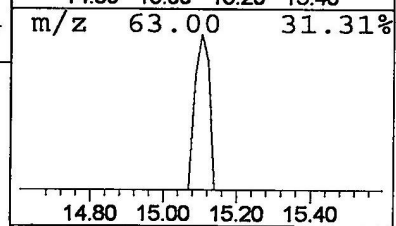
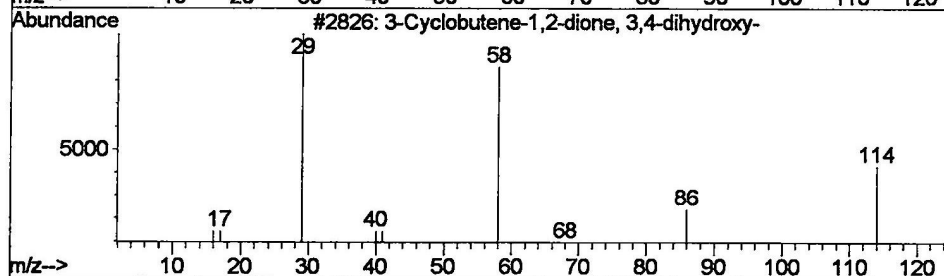
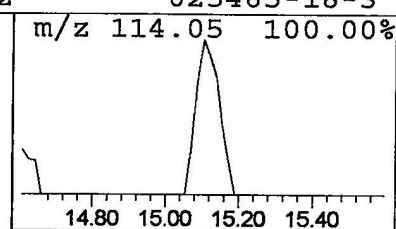
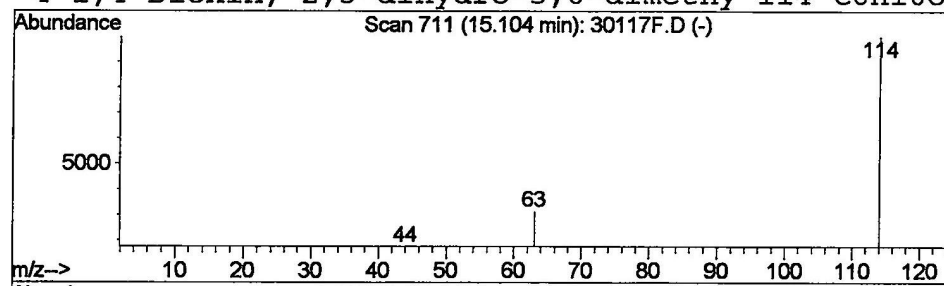
Vial: 13  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

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

| R.T.  | EstConc   | Area | Relative to ISTD    | R.T.  |
|-------|-----------|------|---------------------|-------|
| 15.10 | 0.04 ug/L | 9163 | 1,4-DIFLUOROBENZENE | 14.46 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 3-Cyclobutene-1,2-dione, 3,4-dihydr | 114 | C4H2O4  | 002892-51-5 | 4    |
| 2    |    |   | 3-Hexanone, 2-methyl-               | 114 | C7H14O  | 007379-12-6 | 4    |
| 3    |    |   | 4-Heptanone                         | 114 | C7H14O  | 000123-19-3 | 3    |
| 4    |    |   | 1,4-Dioxin, 2,3-dihydro-5,6-dimethy | 114 | C6H10O2 | 025465-18-3 | 3    |





User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 13:40:22

Sample: AD30312  
 Analysis: \$F\_524 Volatile Organic Compounds-Field Blank  
 Units: ug  
 Started: 12/20/01 00:04 Ended: 12/20/01 00:04 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30312f.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr_1,2-DICHLOROETHANE-       |      | 6.5    |           | .5  |
| 2  | Surr_4-BROMOFLUOROBENZE        |      | 3.9    |           | .5  |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | .5  |
| 4  | Chloromethane                  |      | < MDL  |           | .5  |
| 5  | Vinyl chloride                 |      | < MDL  |           | .5  |
| 6  | Bromomethane                   |      | < MDL  |           | .5  |
| 7  | Chloroethane                   |      | < MDL  |           | .5  |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | .5  |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | .5  |
| 10 | Methylene Chloride             |      | < MDL  |           | .5  |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | .5  |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | .5  |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | .5  |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | .5  |
| 17 | Chloroform                     |      | < MDL  |           | .5  |
| 18 | Bromochloromethane             |      | < MDL  |           | .5  |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | .5  |
| 20 | Surr_TOLUENE-D8                |      | 5.3    |           | .5  |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | .5  |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | .5  |
| 23 | Carbon tetrachloride           |      | < MDL  |           | .5  |
| 24 | Benzene                        |      | < MDL  |           | .5  |
| 25 | Trichloroethene                |      | < MDL  |           | .5  |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | .5  |
| 27 | Dibromomethane                 |      | < MDL  |           | .5  |
| 28 | Bromodichloromethane           |      | < MDL  |           | .5  |
| 29 | Methy iso-butyl ketone (MIBK)  |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | .5  |
| 31 | Toluene                        |      | < MDL  |           | .5  |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | .5  |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | .5  |
| 34 | Tetrachloroethene              |      | < MDL  |           | .5  |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | .5  |
| 36 | Dibromochloromethane           |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | .5  |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | .5  |
| 39 | Ethylbenzene                   |      | < MDL  |           | .5  |
| 40 | P & M-xylene                   |      | < MDL  |           | .5  |
| 41 | O-xylene                       |      | < MDL  |           | .5  |
| 42 | Styrene                        |      | < MDL  |           | .5  |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | .5  |
| 44 | Bromoform                      |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | .5  |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | .5  |
| 47 | N-propylbenzene                |      | < MDL  |           | .5  |
| 48 | Bromobenzene                   |      | < MDL  |           | .5  |

*acetone - 14*

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 13:40:22

Sample: AD30312

Analysis: \$F\_524 Volatile Organic Compounds-Field Blank

Units: ug

Started: 12/20/01 00:04 Ended: 12/20/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\30312f.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\01dec19\30312F.D  
Acq On : 20 Dec 2001 4:03 am  
Sample : nyc fb  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 20 4:42 2001

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

Quant Results File: HP121001.RES

Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)  
Title : VOCs BY EPA METHOD 524  
Last Update : Wed Dec 19 08:54:09 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  | 504137   | 5.00  | ug/L    | 0.10      |
| 22) CHLOROBENZENE-D5        | 21.07 | 117  | 482015   | 5.00  | ug/L    | 0.10      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.23 | 152  | 213983   | 5.00  | ug/L    | 0.12      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.69 | 65   | 215060   | 6.48  | ug/L    | 0.10      |
| Spiked Amount               | 5.000 |      | Recovery | =     | 129.60% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.64 | 174  | 149592   | 3.87  | ug/L    | 0.10      |
| Spiked Amount               | 5.000 |      | Recovery | =     | 77.40%  |           |
| 23) TOLUENE-D8              | 17.78 | 98   | 675154   | 5.28  | ug/L    | 0.10      |
| Spiked Amount               | 5.000 |      | Recovery | =     | 105.60% |           |
| Target Compounds            |       |      |          |       |         |           |
| 10) ACETONE                 | 7.70  | 43   | 47388    | 14.01 | ug/L    | 98        |
| 12) METHYLENE CHLORIDE      | 9.02  | 49   | 13141    | 0.47  | ug/L    | 98        |
| 13) METHYL TERT BUTYL ETHER | 9.33  | 73   | 5346     | 0.15  | ug/L    | 86        |
| 16) 2-BUTANONE (MEK)        | 11.42 | 43   | 1415     | 0.24  | ug/L    | 64        |

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

30312F.D HP121001.M Thu Dec 20 04:42:21 2001

Page 1

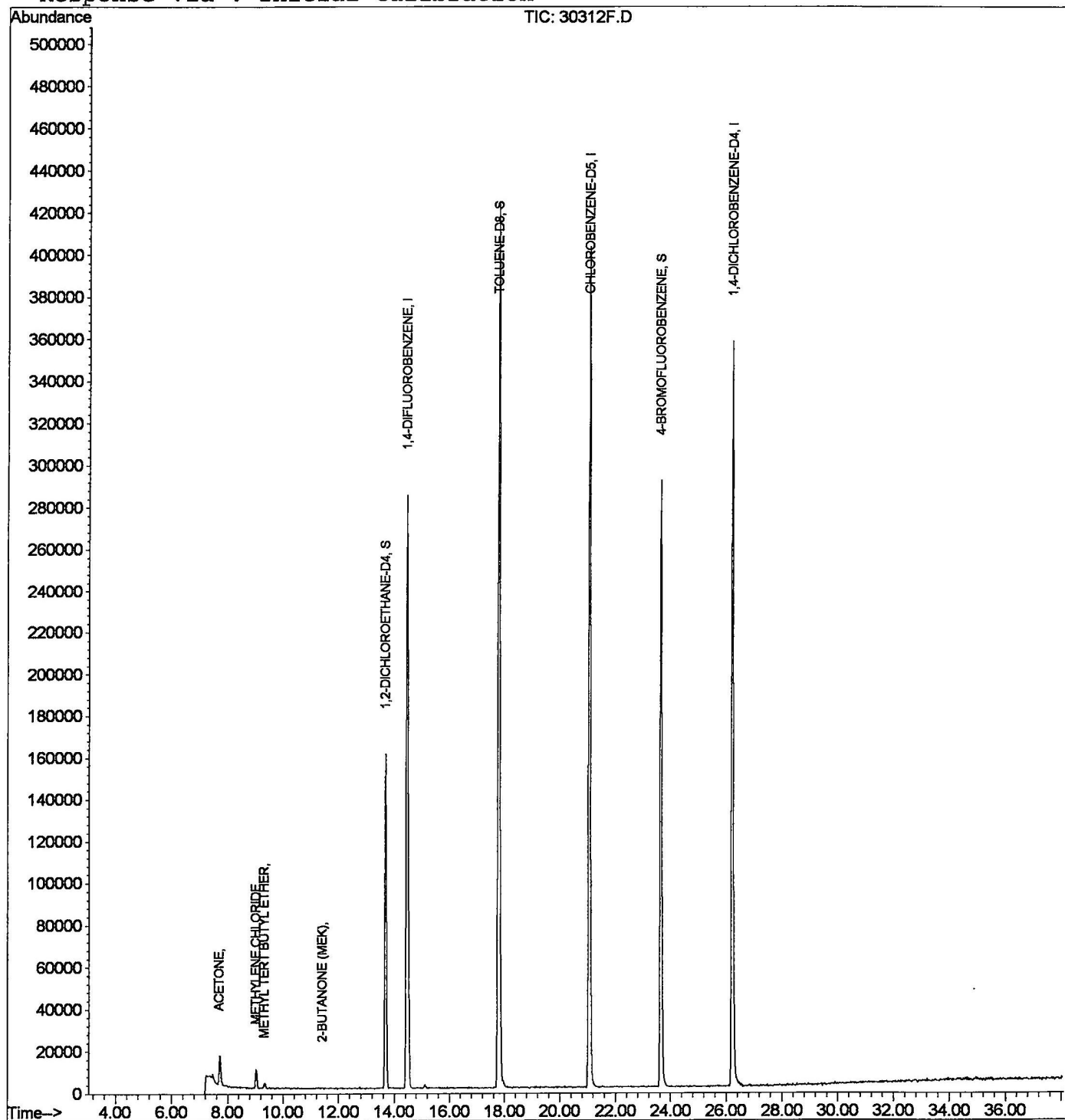
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30312F.D  
 Acq On : 20 Dec 2001 4:03 am  
 Sample : nyc fb  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 20 4:42 2001

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

Quant Results File: HP121001.RES

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



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30312F.D  
 Acq On : 20 Dec 2001 4:03 am  
 Sample : nyc fb  
 Misc :  
 MS Integration Params: LSCINT.P

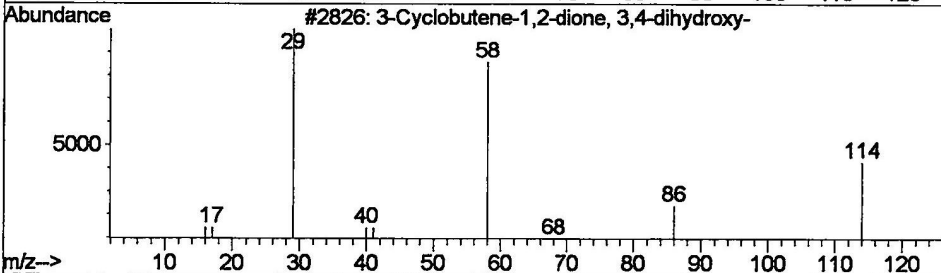
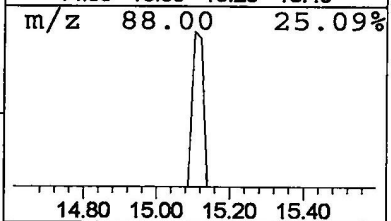
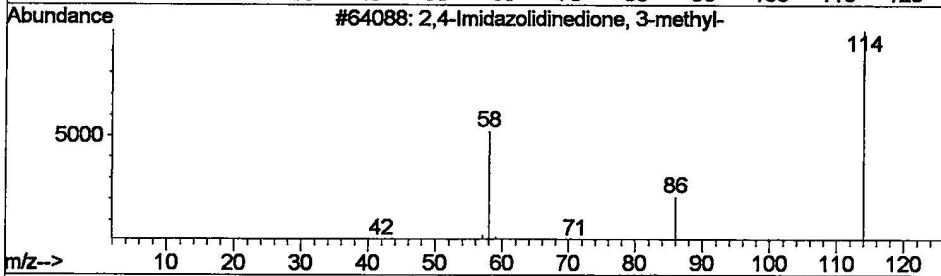
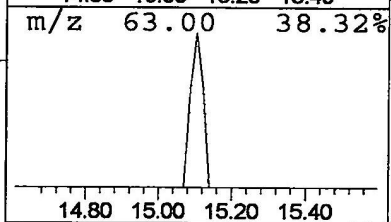
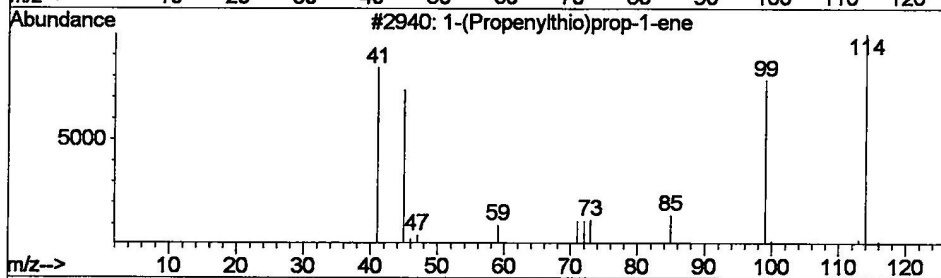
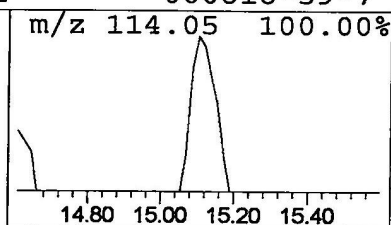
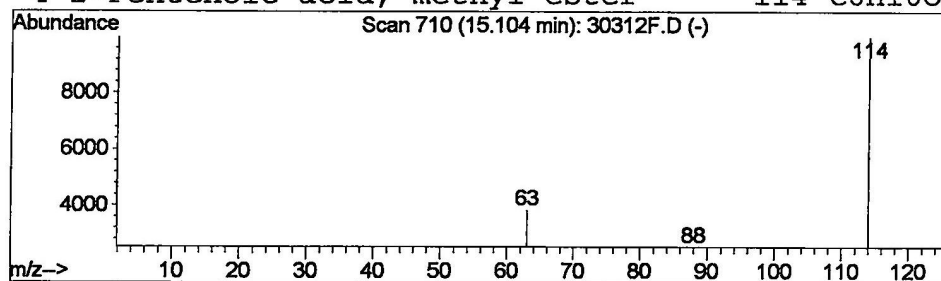
Vial: 14  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 3 1-(Propenylthio)prop-1-ene Concentration Rank 4

| R.T.  | EstConc   | Area | Relative to ISTD    | R.T.  |
|-------|-----------|------|---------------------|-------|
| 15.10 | 0.03 ug/L | 7526 | 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    |    |   | 3-Cyclobutene-1,2-dione, 3,4-dihydr | 114 | C4H2O4   | 002892-51-5 | 2    |
| 4    |    |   | 2-Pentenoic acid, methyl ester      | 114 | C6H10O2  | 000818-59-7 | 2    |



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/20/2001 Time: 14:11:44

Sample: AD30425

Analysis: \$F\_524 Volatile Organic Compounds-Field Blank

Units: ug

Started: 12/20/01 00:04 Ended: 12/20/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\30425f.rr

Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr_1,2-DICHLOROETHANE-       |      | 5.9    |           | .5  |
| 2  | Surr_4-BROMOFLUOROBENZE        |      | 3.8    |           | .5  |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | .5  |
| 4  | Chloromethane                  |      | < MDL  |           | .5  |
| 5  | Vinyl chloride                 |      | < MDL  |           | .5  |
| 6  | Bromomethane                   |      | < MDL  |           | .5  |
| 7  | Chloroethane                   |      | < MDL  |           | .5  |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | .5  |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | .5  |
| 10 | Methylene Chloride             |      | < MDL  |           | .5  |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | .5  |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | .5  |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | .5  |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | .5  |
| 17 | Chloroform                     |      | < MDL  |           | .5  |
| 18 | Bromochloromethane             |      | < MDL  |           | .5  |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | .5  |
| 20 | Surr_TOLUENE-D8                |      | 5.1    |           | .5  |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | .5  |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | .5  |
| 23 | Carbon tetrachloride           |      | < MDL  |           | .5  |
| 24 | Benzene                        |      | < MDL  |           | .5  |
| 25 | Trichloroethene                |      | < MDL  |           | .5  |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | .5  |
| 27 | Dibromomethane                 |      | < MDL  |           | .5  |
| 28 | Bromodichloromethane           |      | < MDL  |           | .5  |
| 29 | Methy iso-butyl ketone (MIBK)  |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | .5  |
| 31 | Toluene                        |      | < MDL  |           | .5  |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | .5  |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | .5  |
| 34 | Tetrachloroethene              |      | < MDL  |           | .5  |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | .5  |
| 36 | Dibromochloromethane           |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | .5  |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | .5  |
| 39 | Ethylbenzene                   |      | < MDL  |           | .5  |
| 40 | P & M-xylene                   |      | < MDL  |           | .5  |
| 41 | O-xylene                       |      | < MDL  |           | .5  |
| 42 | Styrene                        |      | < MDL  |           | .5  |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | .5  |
| 44 | Bromoform                      |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | .5  |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | .5  |
| 47 | N-propylbenzene                |      | < MDL  |           | .5  |
| 48 | Bromobenzene                   |      | < MDL  |           | .5  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/20/2001 Time: 14:11:44

Sample: AD30425  
Analysis: \$F\_524 Volatile Organic Compounds-Field Blank  
Units: ug  
Started: 12/20/01 00:04 Ended: 12/20/01 00:04 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30425f.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\01dec19\30425F.D

Vial: 15

Acq On : 20 Dec 2001 4:47 am

Operator: 206-BH

Sample : nyc fb

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 20 5:25 2001

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

Last Update : Wed Dec 19 08:54:09 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  | 496903   | 5.00 | ug/L    | 0.10      |
| 22) CHLOROBENZENE-D5        | 21.07 | 117  | 468748   | 5.00 | ug/L    | 0.10      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.23 | 152  | 209715   | 5.00 | ug/L    | 0.12      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.69 | 65   | 194010   | 5.93 | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 118.60% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.64 | 174  | 145487   | 3.82 | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 76.40%  |           |
| 23) TOLUENE-D8              | 17.78 | 98   | 637322   | 5.13 | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 102.60% |           |
| Target Compounds            |       |      |          |      |         |           |
| 10) ACETONE                 | 7.72  | 43   | 30451    | 9.14 | ug/L    | Qvalue 96 |
| 12) METHYLENE CHLORIDE      | 9.02  | 49   | 12302    | 0.45 | ug/L    | 89        |
| 13) METHYL TERT BUTYL ETHER | 9.33  | 73   | 4774     | 0.13 | ug/L    | 91        |
| 16) 2-BUTANONE (MEK)        | 11.44 | 43   | 1642     | 0.28 | ug/L    | 64        |

-----

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

30425F.D HP121001.M Thu Dec 20 05:26:05 2001

Page 1



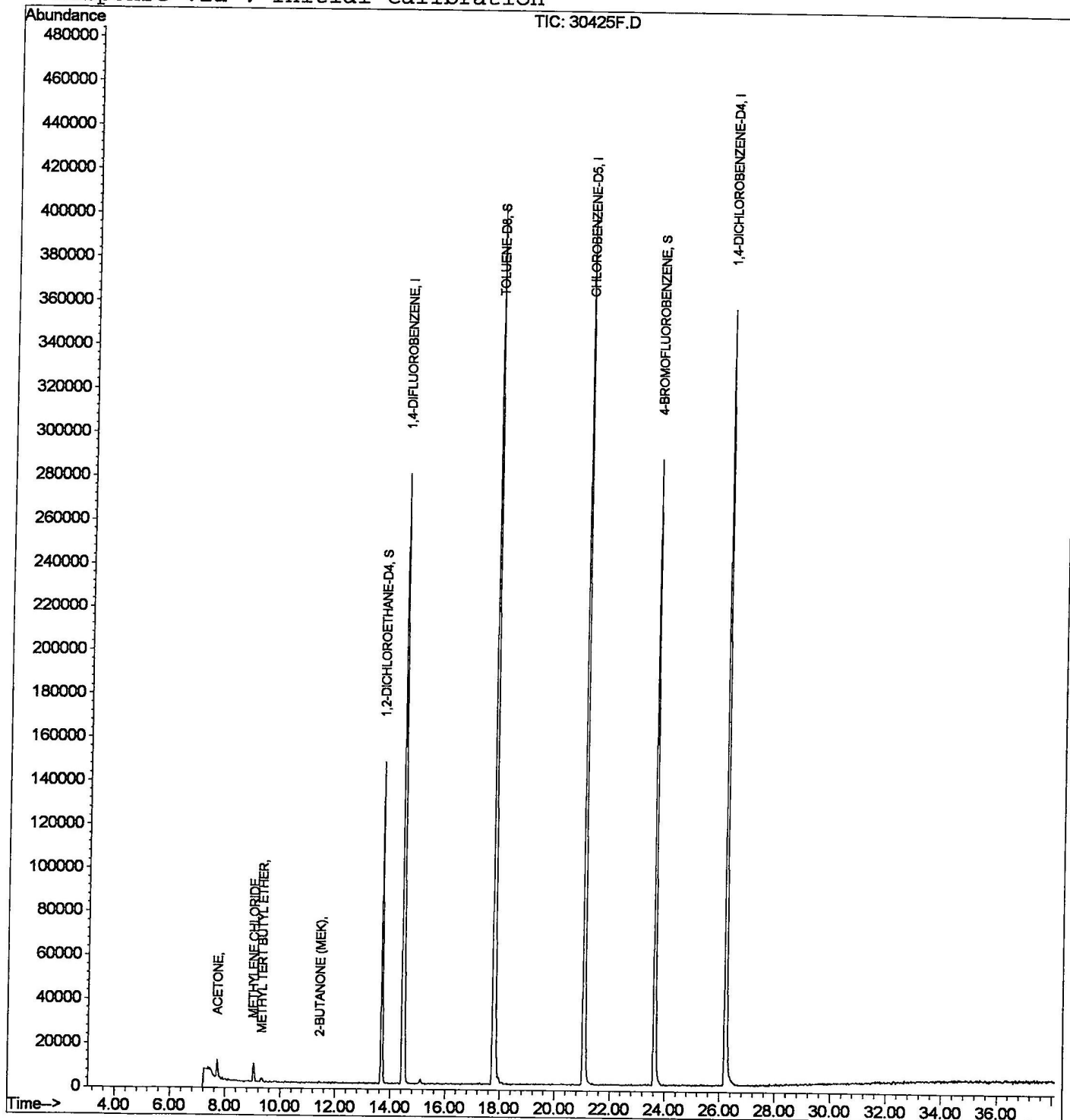
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec19\30425F.D  
Acq On : 20 Dec 2001 4:47 am  
Sample : nyc fb  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 20 5:25 2001

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

Quant Results File: HP121001.RES

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



30425F.D HP121001.M

Thu Dec 20 05:26:09 2001

Page 2

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec19\30425F.D  
 Acq On : 20 Dec 2001 4:47 am  
 Sample : nyc fb  
 Misc :  
 MS Integration Params: LSCINT.P

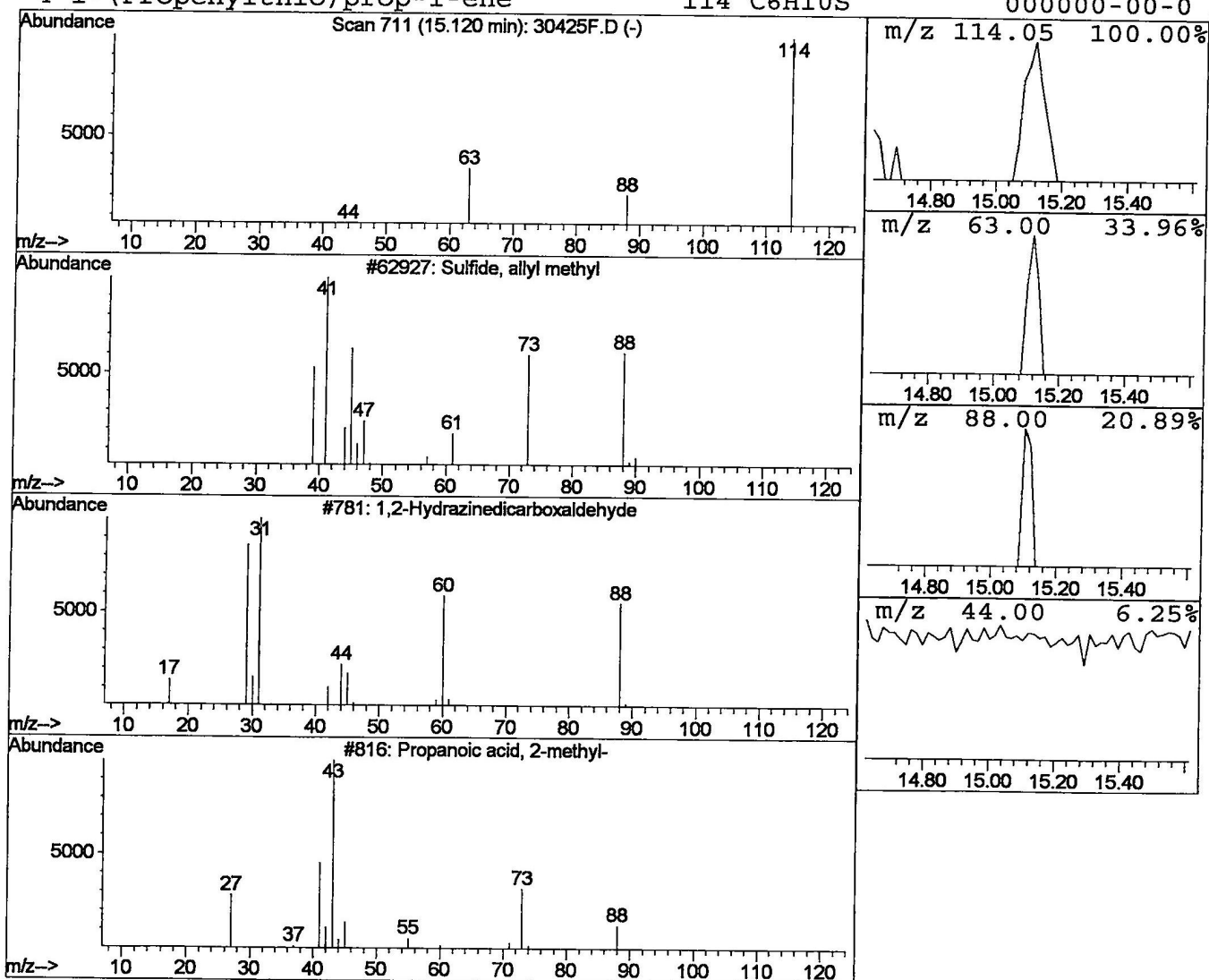
Vial: 15  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 2 Sulfide, allyl methyl Concentration Rank 2

| R.T.  | EstConc   | Area | Relative to ISTD    | R.T.  |
|-------|-----------|------|---------------------|-------|
| 15.12 | 0.03 ug/L | 8259 | 1,4-DIFLUOROBENZENE | 14.46 |

| Hit# of | 5 | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|---------|---|-------------------------------|-----|----------|-------------|------|
| 1       |   | Sulfide, allyl methyl         | 88  | C4H8S    | 010152-76-8 | 3    |
| 2       |   | 1,2-Hydrazinedicarboxaldehyde | 88  | C2H4N2O2 | 000628-36-4 | 3    |
| 3       |   | Propanoic acid, 2-methyl-     | 88  | C4H8O2   | 000079-31-2 | 3    |
| 4       |   | 1-(Propenylthio)prop-1-ene    | 114 | C6H10S   | 000000-00-0 | 3    |



524 12/20/01

Reviewed by,  
JB 1/2/02

User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/24/2001 Time: 10:26:57

Sample: AD30470  
 Analysis: \$B1524 Volatile Organic Compounds-Blank  
 Units: ug  
 Started: 12/20/01 00:08 Ended: 12/20/01 00:08 Analyst: BH  
 Result source: c:\hpcchem\1\data\01dec20\1220bl1.d\1220bl1.r  
 Page: 1

|    | Component Name             | Viol | Result |
|----|----------------------------|------|--------|
| 1  | Surr - 1,2-DICHLOROETHANE- |      | 4.5    |
| 2  | Surr - 4-BROMOFLUOROBENZ   |      | 4.0    |
| 3  | DICHLORODIFLUOROMETHAN     |      | < MDL  |
| 4  | CHLOROMETHANE              |      | < MDL  |
| 5  | VINYL CHLORIDE             |      | < MDL  |
| 6  | BROMOMETHANE               |      | < MDL  |
| 7  | CHLOROETHANE               |      | < MDL  |
| 8  | TRICHLOROFLUOROMETHAN      |      | < MDL  |
| 9  | ACETONE                    |      | < MDL  |
| 10 | 1,1-DICHLOROETHENE         |      | < MDL  |
| 11 | METHYLENE CHLORIDE         |      | < MDL  |
| 12 | METHYL TERT BUTYL ETHER    |      | < MDL  |
| 13 | TRANS-1,2-DICHLOROETHEN    |      | < MDL  |
| 14 | 1,1-DICHLOROETHANE         |      | < MDL  |
| 15 | 2-BUTANONE (MEK)           |      | 0.13   |
| 16 | 2,2-DICHLOROPROPANE        |      | < MDL  |
| 17 | CIS,1,2-DICHLOROETHENE     |      | < MDL  |
| 18 | CHLOROFORM                 |      | < MDL  |
| 19 | BROMOCHLOROMETHANE         |      | < MDL  |
| 20 | 1,2-DICHLOROETHANE         |      | < MDL  |
| 21 | Surr - TOLUENE-D8          |      | 5.0    |
| 22 | 1,1,1-TRICHLOROETHANE      |      | < MDL  |
| 23 | 1,1-DICHLOROPROPENE        |      | < MDL  |
| 24 | CARBON TETRACHLORIDE       |      | < MDL  |
| 25 | BENZENE                    |      | < MDL  |
| 26 | TRICHLOROETHENE            |      | < MDL  |
| 27 | 1,2-DICHLOROPROPANE        |      | < MDL  |
| 28 | DIBROMOMETHANE             |      | < MDL  |
| 29 | BROMODICHLOROMETHANE       |      | < MDL  |
| 30 | 2-CHLOROETHYL VINYL ETHE   |      | < MDL  |
| 31 | MIBK                       |      | < MDL  |
| 32 | CIS-1,3-DICHLOROPROPENE    |      | < MDL  |
| 33 | TOLUENE                    |      | < MDL  |
| 34 | TRANS-1,3-DICHLOROPROPE    |      | < MDL  |
| 35 | 1,1,2-TRICHLOROETHANE      |      | < MDL  |
| 36 | TETRACHLOROETHENE          |      | < MDL  |
| 37 | 1,3-DICHLOROPROPANE        |      | < MDL  |
| 38 | DIBROMOCHLOROMETHANE       |      | < MDL  |
| 39 | 1,2-DIBROMOETHANE          |      | < MDL  |
| 40 | CHLOROBENZENE              |      | < MDL  |
| 41 | 1,1,1,2-TETRACHLOROETHA    |      | < MDL  |
| 42 | 2-HEXANONE                 |      | < MDL  |
| 43 | ETHYLBENZENE               |      | < MDL  |
| 44 | P & M-XYLENE               |      | < MDL  |
| 45 | O-XYLENE                   |      | < MDL  |
| 46 | STYRENE                    |      | < MDL  |
| 47 | 1,1,2,2-TETRACHLOROETHA    |      | < MDL  |
| 48 | BROMOFORM                  |      | < MDL  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/24/2001 Time: 10:26:57

Sample: AD30470  
Analysis: \$B1524 Volatile Organic Compounds-Blank  
Units: ug  
Started: 12/20/01 00:08 Ended: 12/20/01 00:08 Analyst: BH  
Result source: c:\hpcchem\1\data\01dec20\1220bl1.d\1220bl1.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\01dec20\1220BL1.D

Vial: 5

Acq On : 20 Dec 2001 8:55 am

Operator: 206-BH

Sample : 1b

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 20 9:34 2001

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

Last Update : Wed Dec 19 08:54:09 2001

Response via : Initial Calibration

DataAcq Meth : HP121001

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min)     |
|-----------------------------|-------|------|----------|------|--------|--------------|
| 1) 1,4-DIFLUOROBENZENE      | 14.42 | 114  | 753440   | 5.00 | ug/L   | 0.07         |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 663071   | 5.00 | ug/L   | 0.07         |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 302553   | 5.00 | ug/L   | 0.09         |
| System Monitoring Compounds |       |      |          |      |        |              |
| 2) 1,2-DICHLOROETHANE-D4    | 13.66 | 65   | 223601   | 4.51 | ug/L   | 0.07         |
| Spiked Amount 5.000         |       |      | Recovery | =    | 90.20% |              |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 230131   | 3.98 | ug/L   | 0.09         |
| Spiked Amount 5.000         |       |      | Recovery | =    | 79.60% |              |
| 23) TOLUENE-D8              | 17.76 | 98   | 876817   | 4.99 | ug/L   | 0.09         |
| Spiked Amount 5.000         |       |      | Recovery | =    | 99.80% |              |
| Target Compounds            |       |      |          |      |        |              |
| 16) 2-BUTANONE (MEK)        | 11.42 | 43   | 1135     | 0.13 | ug/L   | Qvalue<br>64 |

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

1220BL1.D HP121001.M Thu Dec 20 09:34:30 2001

Page 1

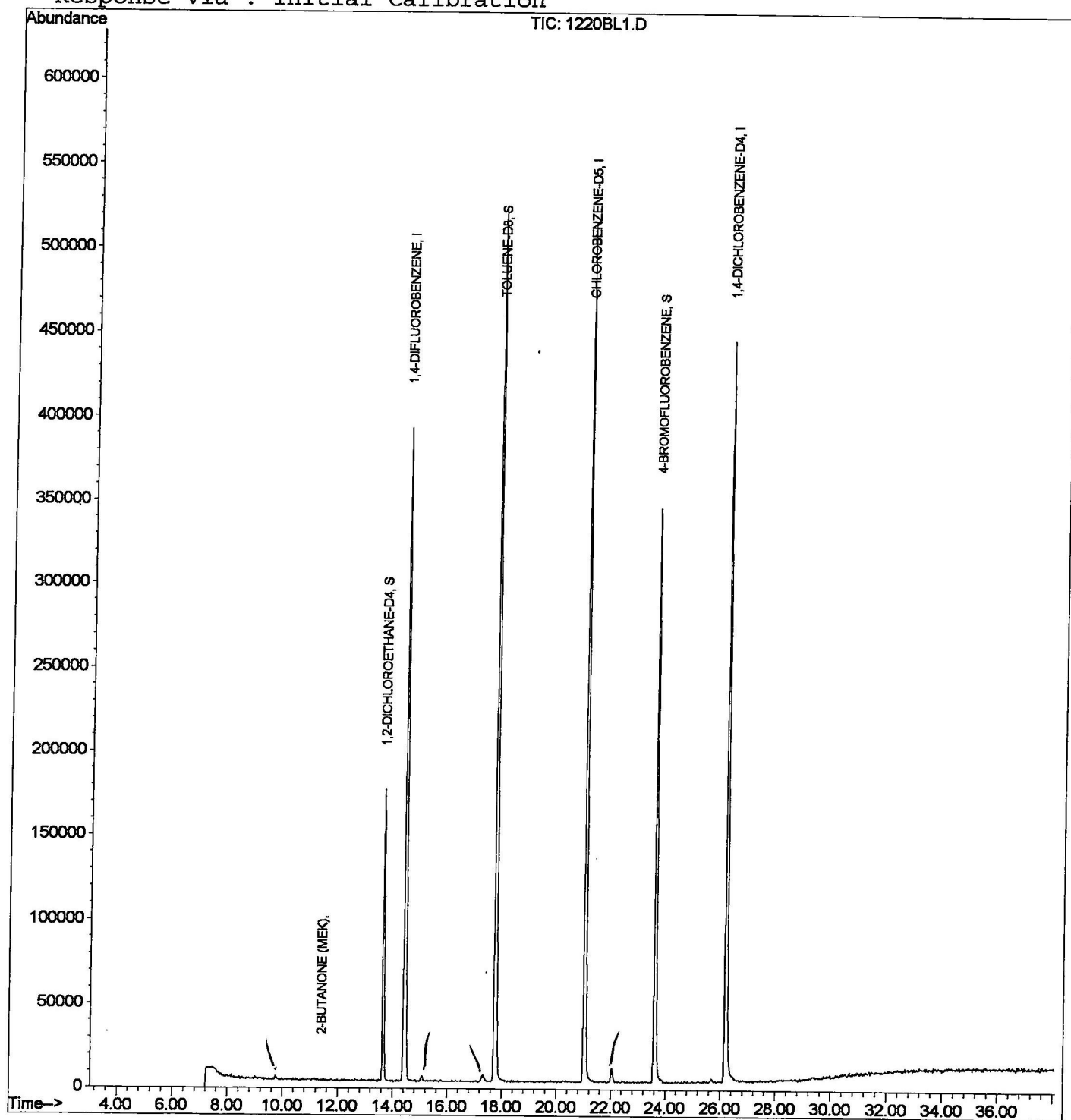
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec20\1220BL1.D  
Acq On : 20 Dec 2001 8:55 am  
Sample : 1b  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 20 9:34 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



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/24/2001 Time: 10:25:42

Sample: AD30470  
 Analysis: \$C1524 Volatile Organic Compounds-Cal 1  
 Units: ug  
 Started: 12/20/01 00:00 Ended: 12/20/01 00:00 Analyst: BH  
 Result source: c:\hpcchem\1\data\01dec20\1220c10.d\1220c10.rr  
 Page: 1

|    | Component Name            | Vol | Result | Qualifier | MDL |
|----|---------------------------|-----|--------|-----------|-----|
| 1  | Surr_1,2-DICHLOROETHANE-  |     | 5.9    |           | .5  |
| 2  | Surr_4-BROMOFLUOROBENZE   |     | 5.3    |           | .5  |
| 3  |                           |     |        |           |     |
| 4  |                           |     |        |           |     |
| 5  |                           |     |        |           |     |
| 6  |                           |     |        |           |     |
| 7  |                           |     |        |           |     |
| 8  |                           |     |        |           |     |
| 9  | 1,1-Dichloroethene        |     | 9.2    |           | .5  |
| 10 | Methylene Chloride        |     | 10     |           | .5  |
| 11 | Methyl tert-butyl ether   |     | 9.0    |           | 1.0 |
| 12 | trans-1,2-dichloroethene  |     | 9.5    |           | .5  |
| 13 | 1,1-dichloroethane        |     | 9.8    |           | .5  |
| 14 | 2-butanone (MEK)          |     | 10     |           | 2.0 |
| 15 | 2,2-dichloropropane       |     | 10     |           | .5  |
| 16 | cis-1,2-dichloroethene    |     | 9.4    |           | .5  |
| 17 | Chloroform                |     | 11     |           | .5  |
| 18 | Bromochloromethane        |     | 11     |           | .5  |
| 19 | 1,2-dichloroethane        |     | 11     |           | .5  |
| 20 | Surr_TOLUENE-D8           |     | 5.0    |           | .5  |
| 21 | 1,1,1- trichloroethane    |     | 11     |           | .5  |
| 22 | 1,1-dichloropropene       |     | 10     |           | .5  |
| 23 | Carbon tetrachloride      |     | 11     |           | .5  |
| 24 | Benzene                   |     | 9.5    |           | .5  |
| 25 | Trichloroethene           |     | 9.9    |           | .5  |
| 26 | 1,2-dichloropropane       |     | 9.6    |           | .5  |
| 27 | Dibromomethane            |     | 9.6    |           | .5  |
| 28 | Bromodichloromethane      |     | 11     |           | .5  |
| 29 | Methyl iso-butyl ketone   |     | 9.3    |           | 1.0 |
| 30 | cis-1,3-dichloropropene   |     | 9.8    |           | .5  |
| 31 | Toluene                   |     | 9.6    |           | .5  |
| 32 | trans-1,3-dichloropropene |     | 11     |           | .5  |
| 33 | 1,1,2-trichloroethane     |     | 10     |           | .5  |
| 34 | Tetrachloroethene         |     | 9.3    |           | .5  |
| 35 | 1,3-dichloropropane       |     | 10     |           | .5  |
| 36 | Dibromochloromethane      |     | 10     |           | 2.0 |
| 37 | Chlorobenzene             |     | 9.5    |           | .5  |
| 38 | 1,1,1,2-tetrachloroethane |     | 10     |           | .5  |
| 39 | Ethylbenzene              |     | 10     |           | .5  |
| 40 | P & M-xylene              |     | 19     |           | .5  |
| 41 | O-xylene                  |     | 10     |           | .5  |
| 42 | Styrene                   |     | 9.7    |           | .5  |
| 43 | 1,1,2,2-tetrachloroethane |     | 12     |           | .5  |
| 44 | Bromoform                 |     | 9.3    |           | 2.0 |
| 45 | Isopropylbenzene          |     | 7.9    |           | .5  |
| 46 | 1,2,3-trichloropropane    |     | 8.5    |           | .5  |
| 47 | N-propylbenzene           |     | 8.6    |           | .5  |
| 48 | Bromobenzene              |     | 8.5    |           | .5  |



User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/24/2001 Time: 10:25:42

Sample: AD30470  
Analysis: \$C1524 Volatile Organic Compounds-Cal 1  
Units: ug  
Started: 12/20/01 00:00 Ended: 12/20/01 00:00 Analyst: BH  
Result source: c:\hpcchem\1\data\01dec20\1220c10.d\1220c10.rr  
Page: 2

|    | Component Name         | Vol | Result | Qualifier | MDL |
|----|------------------------|-----|--------|-----------|-----|
| 49 | 1,3,5-trimethylbenzene |     | 8.2    |           | .5  |
| 50 | 2-chlorotoluene        |     | 8.8    |           | .5  |
| 51 | 4-chlorotoluene        |     | 8.7    |           | .5  |
| 52 | TERT-butylbenzene      |     | 8.7    |           | .5  |
| 53 | 1,2,4-trimethylbenzene |     | 8.6    |           | .5  |
| 54 | SEC-butylbenzene       |     | 8.6    |           | .5  |
| 55 | P-isopropyltoluene     |     | 8.8    |           | .5  |
| 56 | 1,3-dichlorobenzene    |     | 9.1    |           | .5  |
| 57 | 1,4-dichlorobenzene    |     | 9.2    |           | .5  |
| 58 | N-butylbenzene         |     | 9.9    |           | .5  |
| 59 | 1,2-dichlorobenzene    |     | 9.7    |           | .5  |
| 60 | 1,2,4-trichlorobenzene |     | 10     |           | .5  |
| 61 | Hexachlobutadiene      |     | 9.9    |           | .5  |
| 62 | Naphthalene            |     | 9.6    |           | .5  |
| 63 | 1,2,3-trichlorobenzene |     | 10     |           | .5  |

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec20\1220C10.D  
 Acq On : 20 Dec 2001 10:08 am  
 Sample : cal 10  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 20 10:46 2001

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

Quant Results File: HP121001.RES

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

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev (Min) |
|----------------------------|-------|------|----------|------|-------|-----------|
| 1) 1,4-DIFLUOROBENZENE     | 14.44 | 114  | 687991   | 5.00 | ug/L  | 0.08      |
| 22) CHLOROBENZENE-D5       | 21.03 | 117  | 665094   | 5.00 | ug/L  | 0.07      |
| 50) 1,4-DICHLOROBENZENE-D4 | 26.21 | 152  | 459362   | 5.00 | ug/L  | 0.10      |

## System Monitoring Compounds

|                          |       |     |          |      |         |      |
|--------------------------|-------|-----|----------|------|---------|------|
| 2) 1,2-DICHLOROETHANE-D4 | 13.65 | 65  | 266983   | 5.89 | ug/L    | 0.07 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 117.80% |      |
| 3) 4-BROMOFLUOROBENZENE  | 23.62 | 174 | 279497   | 5.29 | ug/L    | 0.08 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 105.80% |      |
| 23) TOLUENE-D8           | 17.76 | 98  | 879471   | 4.99 | ug/L    | 0.08 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 99.80%  |      |

## Target Compounds

|                               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|-------------------------------|-------|------|----------|-------|-------|--------|
| 4) DICHLORODIFLUOROMETHANE    | 4.48  | 85   | 320026   | 14.25 | ug/L  | 100    |
| 5) CHLOROMETHANE              | 5.00  | 50   | 256436   | 18.37 | ug/L  | 99     |
| 6) VINYL CHLORIDE             | 5.17  | 62   | 274094   | 19.74 | ug/L  | 95     |
| 7) BROMOMETHANE               | 6.09  | 94   | 210988   | 17.38 | ug/L  | 100    |
| 8) CHLOROETHANE               | 6.21  | 64   | 165609   | 17.40 | ug/L  | 97     |
| 9) TRICHLOROFLUOROMETHANE     | 6.75  | 101  | 454597   | 15.09 | ug/L  | 99     |
| 10) ACETONE                   | 7.69  | 43   | 52717    | 11.42 | ug/L  | 94     |
| 11) 1,1-DICHLOROETHENE        | 8.03  | 61   | 359302   | 9.19  | ug/L  | 94     |
| 12) METHYLENE CHLORIDE        | 9.00  | 49   | 395754   | 10.44 | ug/L  | 92     |
| 13) METHYL TERT BUTYL ETHER   | 9.29  | 73   | 448418   | 8.97  | ug/L  | 100    |
| 14) TRANS-1,2-DICHLOROETHENE  | 9.65  | 61   | 402828   | 9.50  | ug/L  | 92     |
| 15) 1,1-DICHLOROETHANE        | 10.54 | 63   | 516231   | 9.76  | ug/L  | 98     |
| 16) 2-BUTANONE (MEK)          | 11.35 | 43   | 84879    | 10.41 | ug/L  | 97     |
| 17) 2,2-DICHLOROPROPANE       | 11.73 | 77   | 450778   | 10.34 | ug/L  | 100    |
| 18) CIS-1,2-DICHLOROETHENE    | 11.81 | 96   | 277097   | 9.35  | ug/L  | 93     |
| 19) CHLOROFORM                | 12.16 | 83   | 550610   | 10.91 | ug/L  | 98     |
| 20) BROMOCHLOROMETHANE        | 12.53 | 49   | 258138   | 10.78 | ug/L  | 94     |
| 21) 1,2-DICHLOROETHANE        | 13.86 | 62   | 360141   | 10.60 | ug/L  | 98     |
| 24) 1,1,1-TRICHLOROETHANE     | 13.02 | 97   | 441467   | 10.81 | ug/L  | 98     |
| 25) 1,1-DICHLOROPROPENE       | 13.36 | 75   | 414141   | 10.27 | ug/L  | 99     |
| 26) CARBON TETRACHLORIDE      | 13.62 | 117  | 394161   | 11.34 | ug/L  | 98     |
| 27) BENZENE                   | 13.96 | 78   | 1118203  | 9.54  | ug/L  | 98     |
| 28) TRICHLOROETHENE           | 15.22 | 95   | 310800   | 9.90  | ug/L  | 98     |
| 29) 1,2-DICHLOROPROPANE       | 15.58 | 63   | 312837   | 9.58  | ug/L  | 99     |
| 30) DIBROMOMETHANE            | 16.23 | 174  | 111265   | 9.58  | ug/L  | 97     |
| 31) BROMODICHLOROMETHANE      | 16.09 | 83   | 416573   | 11.08 | ug/L  | 100    |
| 32) 2-CHLOROETHYL VINYL ETHER | 16.58 | 63   | 107131   | 8.84  | ug/L  | 94     |
| 33) Methyl iso-butyl ketone   | 16.65 | 58   | 57793    | 9.27  | ug/L  | 95     |

(#) = qualifier out of range (m) = manual integration  
 1220C10.D HP121001.M Thu Dec 20 10:46:49 2001

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec20\1220C10.D  
 Acq On : 20 Dec 2001 10:08 am  
 Sample : cal 10  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 20 10:46 2001

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

Quant Results File: HP121001.RES

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

| Compound                       | R.T.  | QIon | Response | Conc   | Unit | Qvalue |
|--------------------------------|-------|------|----------|--------|------|--------|
| 34) CIS-1,3-DICHLOROPROPENE    | 17.18 | 75   | 461899   | 9.81   | ug/L | 99     |
| 35) TOLUENE                    | 17.93 | 91   | 1275330  | 9.64   | ug/L | 100    |
| 36) TRANS-1,3-DICHLOROPROPENE  | 18.22 | 75   | 390129   | 10.67  | ug/L | 99     |
| 37) 1,1,2-TRICHLOROETHANE      | 18.60 | 97   | 184615   | 10.19  | ug/L | 98     |
| 38) TETRACHLOROETHENE          | 19.36 | 166  | 291319   | 9.34   | ug/L | 99     |
| 39) 1,3-DICHLOROPROPANE        | 19.12 | 76   | 352553   | 10.08  | ug/L | 98     |
| 40) DIBROMOCHLOROMETHANE       | 19.79 | 129  | 228913   | 10.40  | ug/L | 99     |
| 41) 1,2-DIBROMOETHANE          | 20.25 | 107  | 163159   | 9.46   | ug/L | 97     |
| 42) CHLOROBENZENE              | 21.12 | 112  | 832568   | 9.47   | ug/L | 98     |
| 43) 1,1,1,2-TETRACHLOROETHANE  | 21.17 | 131  | 298310   | 10.40  | ug/L | 97     |
| 44) 2-HEXANONE                 | 18.51 | 43   | 112776   | 10.83  | ug/L | 98     |
| 45) ETHYLBENZENE               | 21.17 | 91   | 1635028  | 10.04  | ug/L | 96     |
| 46) P & M-XYLENE               | 21.34 | 106  | 1184580  | 19.36  | ug/L | 97     |
| 47) O-XYLENE                   | 22.31 | 91   | 1345448  | 10.36  | ug/L | 99     |
| 48) STYRENE                    | 22.36 | 104  | 982896   | 9.74   | ug/L | 98     |
| 49) 1,1,2,2-TETRACHLOROETHANE  | 23.37 | 83   | 226974   | 11.71  | ug/L | 99     |
| 51) BROMOFORM                  | 23.20 | 173  | 129483   | 9.32   | ug/L | 99     |
| 52) ISOPROPYLBENZENE           | 23.02 | 105  | 1586680  | 7.91   | ug/L | 98     |
| 53) 1,2,3-TRICHLOROPROPANE     | 23.71 | 110  | 62195    | 8.50   | ug/L | 94     |
| 54) N-PROPYLBENZENE            | 23.89 | 91   | 2235294  | 8.59   | ug/L | 100    |
| 55) BROMOBENZENE               | 24.12 | 156  | 363474   | 8.50   | ug/L | 94     |
| 56) 1,3,5-TRIMETHYLBENZENE     | 24.22 | 105  | 1426291  | 8.23   | ug/L | 99     |
| 57) 2-CHLOROTOLUENE            | 24.37 | 91   | 1458145  | 8.84   | ug/L | 96     |
| 58) 4-CHLOROTOLUENE            | 24.44 | 91   | 1284583  | 8.70   | ug/L | 99     |
| 59) TERT-BUTYLBENZENE          | 25.00 | 134  | 323091   | 8.73   | ug/L | 95     |
| 60) 1,2,4-TRIMETHYLBENZENE     | 25.09 | 105  | 1541922  | 8.57   | ug/L | 99     |
| 61) SEC-BUTYLBENZENE           | 25.44 | 105  | 2083640  | 8.63   | ug/L | 99     |
| 62) P-ISOPROPYLTOLUENE         | 25.72 | 119  | 1706494  | 8.81   | ug/L | 98     |
| 63) 1,3-DICHLOROBENZENE        | 26.06 | 146  | 840336   | 9.10   | ug/L | 98     |
| 64) 1,4-DICHLOROBENZENE        | 26.28 | 146  | 845617   | 9.15   | ug/L | 98     |
| 65) N-BUTYLBENZENE             | 26.60 | 91   | 1840014  | 9.93   | ug/L | 99     |
| 66) 1,2-DICHLOROBENZENE        | 27.11 | 146  | 737770   | 9.68   | ug/L | 99     |
| 67) 1,2-DIBROMO-3-CHLOROPROPAN | 28.77 | 157  | 39646    | 10.17  | ug/L | 97     |
| 68) NITROBENZENE               | 28.97 | 77   | 339819   | 211.53 | ug/L | 97     |
| 69) 1,2,4-TRICHLOROBENZENE     | 30.71 | 180  | 422535   | 10.00  | ug/L | 99     |
| 70) HEXACHLOROBUTADIENE        | 30.95 | 225  | 253989   | 9.89   | ug/L | 96     |
| 71) NAPHTHALENE                | 31.37 | 128  | 448286   | 9.62   | ug/L | 98     |
| 72) 1,2,3-TRICHLOROBENZENE     | 31.94 | 180  | 312808   | 10.08  | ug/L | 99     |

(#) = qualifier out of range (m) = manual integration  
 1220C10.D HP121001.M Thu Dec 20 10:46:51 2001

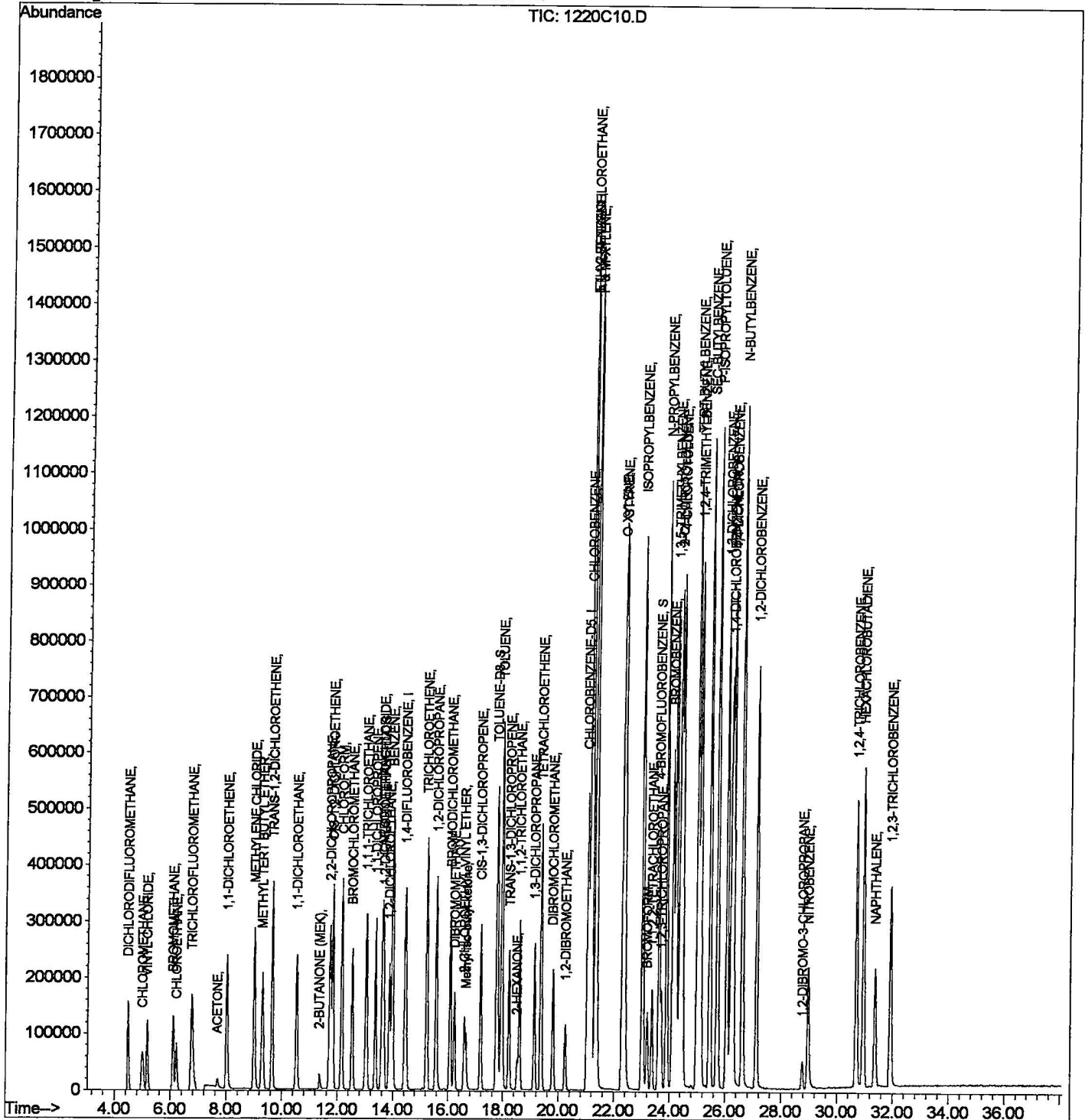
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec20\1220C10.D  
Acq On : 20 Dec 2001 10:08 am  
Sample : cal 10  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 20 10:46 2001

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

Quant Results File: HP121001.RES

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



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/24/2001 Time: 10:30:59

Sample: AD30470

Analysis: \$RE524 Reference recovery for 524

Units: ug

Started: 12/20/01 00:01 Ended: 12/20/01 00:01 Analyst: BH

Result source: c:\hpcchem\1\data\01dec20\1220r40.d\1220r40.rr

Page: 1

|    | Component Name           | Viol | Result | Qualifier | MDL |
|----|--------------------------|------|--------|-----------|-----|
| 1  | 1,2-DICHLOROETHANE-D4    |      | 5.8    |           |     |
| 2  | 4-BROMOFLUOROBENZENE     |      | 6.3    |           |     |
| 3  | DICHLORODIFLUOROMETHAN   |      | 49     |           | .5  |
| 4  | CHLOROMETHANE            |      | 65     |           | .5  |
| 5  | VINYL CHLORIDE           |      | 55     |           | .5  |
| 6  | BROMOMETHANE             |      | 60     |           | .5  |
| 7  | CHLOROETHANE             |      | 58     |           | .5  |
| 8  | TRICHLOROFLUOROMETHAN    |      | 55     |           | .5  |
| 9  | ACETONE                  |      | 40     |           | .5  |
| 10 | 1,1-DICHLOROETHENE       |      | 50     |           | .5  |
| 11 | METHYLENE CHLORIDE       |      | 47     |           | .5  |
| 12 | METHYL TERT BUTYL ETHER  |      | 35     |           | 1   |
| 13 | TRANS-1,2-DICHLOROETHEN  |      | 46     |           | .5  |
| 14 | 1,1-DICHLOROETHANE       |      | 45     |           | .5  |
| 15 | 2-BUTANONE (MEK)         |      | 38     |           | .5  |
| 16 | 2,2-DICHLOROPROPANE      |      | 49     |           | .5  |
| 17 | CIS-1,2-DICHLOROETHENE   |      | 43     |           | .5  |
| 18 | CHLOROFORM               |      | 49     |           | .5  |
| 19 | BROMOCHLOROMETHANE       |      | 46     |           | .5  |
| 20 | 1,2-DICHLOROETHANE       |      | 47     |           | .5  |
| 21 | TOLUENE-D8               |      | 4.6    |           |     |
| 22 | 1,1,1-TRICHLOROETHANE    |      | 47     |           | .5  |
| 23 | 1,1-DICHLOROPROPENE      |      | 44     |           | .5  |
| 24 | CARBON TETRACHLORIDE     |      | 50     |           | .5  |
| 25 | BENZENE                  |      | 40     |           | .5  |
| 26 | TRICHLOROETHENE          |      | 42     |           | .5  |
| 27 | 1,2-DICHLOROPROPANE      |      | 38     |           | .5  |
| 28 | DIBROMOMETHANE           |      | 40     |           | .5  |
| 29 | BROMODICHLOROMETHANE     |      | 45     |           | .5  |
| 30 | 2-CHLOROETHYL VINYL ETHE |      | 34     |           | .5  |
| 31 | METHYL ISO-BUTYL KETONE  |      | 33     |           | 1   |
| 32 | CIS-1,3-DICHLOROPROPENE  |      | 41     |           | .5  |
| 33 | TOLUENE                  |      | 41     |           | .5  |
| 34 | TRANS-1,3-DICHLOROPROPE  |      | 43     |           | .5  |
| 35 | 1,1,2-TRICHLOROETHANE    |      | 42     |           | .5  |
| 36 | TETRACHLOROETHENE        |      | 46     |           | .5  |
| 37 | 1,3-DICHLOROPROPANE      |      | 45     |           | .5  |
| 38 | DIBROMOCHLOROMETHANE     |      | 47     |           | 2   |
| 39 | 1,2-DIBROMOETHANE        |      | 42     |           | .5  |
| 40 | CHLOROBENZENE            |      | 43     |           | .5  |
| 41 | 1,1,1,2-TETRACHLOROETHA  |      | 47     |           | .5  |
| 42 | 2-HEXANONE               |      | 42     |           | .5  |
| 43 | ETHYLBENZENE             |      | 45     |           | .5  |
| 44 | P & M-XYLENE             |      | 85     |           | .5  |
| 45 | O-XYLENE                 |      | 47     |           | .5  |
| 46 | STYRENE                  |      | 45     |           | .5  |
| 47 | 1,1,2,2-TETRACHLOROETHA  |      | 50     |           | .5  |
| 48 | BROMOFORM                |      | 43     |           | 2   |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/24/2001 Time: 10:30:59

Sample: AD30470

Analysis: \$RE524 Reference recovery for 524

Units: ug

Started: 12/20/01 00:01 Ended: 12/20/01 00:01 Analyst: BH

Result source: c:\hpcchem\1\data\01dec20\1220r40.d\1220r40.rr

Page: 2

|    | Component Name          | Viol | Result | Qualifier | MDL |
|----|-------------------------|------|--------|-----------|-----|
| 49 | ISOPROPYLBENZENE        |      | 36     |           | .5  |
| 50 | 1,2,3-TRICHLOROPROPANE  |      | 35     |           | .5  |
| 61 | N-PROPYLBENZENE         |      | 39     |           | .5  |
| 62 | BROMOBENZENE            |      | 38     |           | .5  |
| 53 | 1,3,5-TRIMETHYLBENZENE  |      | 36     |           | .5  |
| 54 | 2-CHLOROTOLUENE         |      | 39     |           | .5  |
| 65 | 4-CHLOROTOLUENE         |      | 39     |           | .5  |
| 56 | TERT-BUTYLBENZENE       |      | 38     |           | .5  |
| 57 | 1,2,4-TRIMETHYLBENZENE  |      | 38     |           | .5  |
| 58 | SEC-BUTYLBENZENE        |      | 39     |           | .5  |
| 69 | P-ISOPROPYLTOLUENE      |      | 38     |           | .5  |
| 60 | 1,3-DICHLOROBENZENE     |      | 40     |           | .5  |
| 61 | 1,4-DICHLOROBENZENE     |      | 40     |           | .5  |
| 62 | N-BUTYLBENZENE          |      | 43     |           | .5  |
| 63 | 1,2-DICHLOROBENZENE     |      | 42     |           | .5  |
| 64 | 1,2-DIBROMO-3-CHLOROPRO |      | 43     |           | .5  |
| 65 | 1,2,4-TRICHLOROBENZENE  |      | 46     |           | .5  |
| 66 | HEXACHLOROBUTADIENE     |      | 43     |           | .5  |
| 67 | NAPHTHALENE             |      | 45     |           | .5  |
| 68 | 1,2,3-TRICHLOROBENZENE  |      | 45     |           | .5  |
| 69 | ETHANOL                 |      | < MDL  |           | 30  |

User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/24/2001 Time: 10:32:20

Sample: AD30470  
 Analysis: \$Q\_524 Volatile Organic Compounds-Reference Rec  
 Units: ug  
 Started: 12/24/01 10:31 Ended: 12/24/01 10:31 Analyst: BH  
 Result source: calculation  
 Page: 1

|    | Component Name             | Viol | Result | Qualifier | MDL |
|----|----------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE- |      | 5.8    |           | .5  |
| 2  | Surr - 4-BROMOFLUOROBENZ   |      | 6.3    |           | .5  |
| 3  | Dichlorodifluoromethane    |      | 122.5  |           | .5  |
| 4  |                            |      |        |           |     |
| 5  | Vinyl chloride             |      | 137.5  |           | .5  |
| 6  | Bromomethane               |      | 150    |           | .5  |
| 7  | Chloroethane               |      | 145    |           | .5  |
| 8  | Trichlorofluoromethane     |      | 137.5  |           | .5  |
| 9  | 1,1-Dichloroethene         |      | 125    |           | .5  |
| 10 | Methylene Chloride         |      | 117.5  |           | .5  |
| 11 | Methyl tert butyl ether    |      | 87.5   |           | 1.0 |
| 12 | trans-1,2-dichloroethene   |      | 115    |           | .5  |
| 13 | 1,1-dichloroethane         |      | 112.5  |           | .5  |
| 14 | 2-butanone (MEK)           |      | 95     |           | 2.0 |
| 15 | 2,2-dichloropropane        |      | 122.5  |           | .5  |
| 16 | cis-1,2-dichloroethene     |      | 107.5  |           | .5  |
| 17 | Chloroform                 |      | 122.5  |           | .5  |
| 18 | Bromochloromethane         |      | 115    |           | .5  |
| 19 | 1,2-dichloroethane         |      | 117.5  |           | .5  |
| 20 | Surr - TOLUENE-D8          |      | 4.6    |           | .5  |
| 21 | 1,1,1-trichloroethane      |      | 117.5  |           | .5  |
| 22 | 1,1-dichloropropene        |      | 110    |           | .5  |
| 23 | Carbon tetrachloride       |      | 125    |           | .5  |
| 24 | Benzene                    |      | 100    |           | .5  |
| 25 | Trichloroethene            |      | 105    |           | .5  |
| 26 | 1,2-dichloropropane        |      | 95     |           | .5  |
| 27 | Dibromomethane             |      | 100    |           | .5  |
| 28 | Bromodichloromethane       |      | 112.5  |           | .5  |
| 29 | Methyl iso-butyl ketone    |      | 82.5   |           | 1.0 |
| 30 | cis-1,3-dichloropropene    |      | 102.5  |           | .5  |
| 31 | Toluene                    |      | 102.5  |           | .5  |
| 32 | trans-1,3-dichloropropene  |      | 107.5  |           | .5  |
| 33 | 1,1,2-trichloroethane      |      | 105    |           | .5  |
| 34 | Tetrachloroethene          |      | 115    |           | .5  |
| 35 | 1,3-dichloropropane        |      | 112.5  |           | .5  |
| 36 | Dibromochloromethane       |      | 117.5  |           | 2.0 |
| 37 | Chlorobenzene              |      | 107.5  |           | .5  |
| 38 | 1,1,1,2-tetrachloroethane  |      | 117.5  |           | .5  |
| 39 | Ethylbenzene               |      | 112.5  |           | .5  |
| 40 | P & M-xylene               |      | 106.25 |           | .5  |
| 41 | O-xylene                   |      | 117.5  |           | .5  |
| 42 | Styrene                    |      | 112.5  |           | .5  |
| 43 | 1,1,2,2-tetrachloroethane  |      | 125    |           | .5  |
| 44 | Bromoform                  |      | 107.5  |           | 2.0 |
| 45 | Isopropylbenzene           |      | 90     |           | .5  |
| 46 | 1,2,3-trichloropropane     |      | 87.5   |           | .5  |
| 47 | N-propylbenzene            |      | 97.5   |           | .5  |
| 48 | Bromobenzene               |      | 95     |           | .5  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/24/2001 Time: 10:32:20

Sample: AD30470  
Analysis: \$Q\_524 Volatile Organic Compounds-Reference Rec  
Units: ug  
Started: 12/24/01 10:31 Ended: 12/24/01 10:31 Analyst: BH  
Result source: calculation  
Page: 2

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



## Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec20\1220R40.D  
 Acq On : 20 Dec 2001 11:12 am  
 Sample : ref 40  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 20 11:51 2001

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

Quant Results File: HP121001.RES

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

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-DIFLUOROBENZENE     | 14.44 | 114  | 768980   | 5.00 | ug/L  | 0.09     |
| 22) CHLOROBENZENE-D5       | 21.05 | 117  | 807806   | 5.00 | ug/L  | 0.09     |
| 50) 1,4-DICHLOROBENZENE-D4 | 26.21 | 152  | 600408   | 5.00 | ug/L  | 0.10     |

## System Monitoring Compounds

|                          |       |     |          |      |         |      |
|--------------------------|-------|-----|----------|------|---------|------|
| 2) 1,2-DICHLOROETHANE-D4 | 13.66 | 65  | 294261   | 5.81 | ug/L    | 0.07 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 116.20% |      |
| 3) 4-BROMOFLUOROBENZENE  | 23.62 | 174 | 374310   | 6.34 | ug/L    | 0.09 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 126.80% |      |
| 23) TOLUENE-D8           | 17.76 | 98  | 979663   | 4.57 | ug/L    | 0.09 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 91.40%  |      |

## Target Compounds

|                               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|-------------------------------|-------|------|----------|-------|-------|--------|
| 4) DICHLORODIFLUOROMETHANE    | 4.49  | 85   | 1221276  | 48.67 | ug/L  | 99     |
| 5) CHLOROMETHANE              | 4.99  | 50   | 1008009  | 64.60 | ug/L  | 97     |
| 6) VINYL CHLORIDE             | 5.14  | 62   | 856512   | 55.20 | ug/L  | 96     |
| 7) BROMOMETHANE               | 6.08  | 94   | 812299   | 59.85 | ug/L  | 96     |
| 8) CHLOROETHANE               | 6.21  | 64   | 620823   | 58.35 | ug/L  | 99     |
| 9) TRICHLOROFLUOROMETHANE     | 6.75  | 101  | 1840403  | 54.64 | ug/L  | 96     |
| 10) ACETONE                   | 7.69  | 43   | 205740   | 39.88 | ug/L  | 96     |
| 11) 1,1-DICHLOROETHENE        | 8.03  | 61   | 2167045  | 49.59 | ug/L  | 95     |
| 12) METHYLENE CHLORIDE        | 9.00  | 49   | 1993206  | 47.05 | ug/L  | 92     |
| 13) METHYL TERT BUTYL ETHER   | 9.29  | 73   | 1976987  | 35.36 | ug/L  | 98     |
| 14) TRANS-1,2-DICHLOROETHENE  | 9.65  | 61   | 2194612  | 46.30 | ug/L  | 92     |
| 15) 1,1-DICHLOROETHANE        | 10.54 | 63   | 2645227  | 44.74 | ug/L  | 98     |
| 16) 2-BUTANONE (MEK)          | 11.36 | 43   | 346385   | 38.01 | ug/L  | 92     |
| 17) 2,2-DICHLOROPROPANE       | 11.73 | 77   | 2367308  | 48.59 | ug/L  | 98     |
| 18) CIS-1,2-DICHLOROETHENE    | 11.82 | 96   | 1417229  | 42.79 | ug/L  | 94     |
| 19) CHLOROFORM                | 12.16 | 83   | 2752170  | 48.79 | ug/L  | 100    |
| 20) BROMOCHLOROMETHANE        | 12.53 | 49   | 1240846  | 46.36 | ug/L  | 90     |
| 21) 1,2-DICHLOROETHANE        | 13.86 | 62   | 1792214  | 47.21 | ug/L  | 99     |
| 24) 1,1,1-TRICHLOROETHANE     | 13.04 | 97   | 2321890  | 46.79 | ug/L  | 98     |
| 25) 1,1-DICHLOROPROPENE       | 13.37 | 75   | 2171366  | 44.34 | ug/L  | 99     |
| 26) CARBON TETRACHLORIDE      | 13.60 | 117  | 2092060  | 49.57 | ug/L  | 100    |
| 27) BENZENE                   | 13.98 | 78   | 5732937  | 40.28 | ug/L  | 98     |
| 28) TRICHLOROETHENE           | 15.22 | 95   | 1601403  | 42.00 | ug/L  | 99     |
| 29) 1,2-DICHLOROPROPANE       | 15.58 | 63   | 1520224  | 38.35 | ug/L  | 100    |
| 30) DIBROMOMETHANE            | 16.23 | 174  | 568505   | 40.28 | ug/L  | 98     |
| 31) BROMODICHLOROMETHANE      | 16.09 | 83   | 2056635  | 45.02 | ug/L  | 99     |
| 32) 2-CHLOROETHYL VINYL ETHER | 16.59 | 63   | 497324   | 33.78 | ug/L  | 94     |
| 33) Methyl iso-butyl ketone   | 16.65 | 58   | 250397   | 33.07 | ug/L  | 96     |

(#) = qualifier out of range (m) = manual integration  
 1220R40.D HP121001.M Thu Dec 20 11:51:22 2001

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec20\1220R40.D

Acq On : 20 Dec 2001 11:12 am

Sample : ref 40

Misc :

MS Integration Params: LSCINT.P

Quant Time: Dec 20 11:51 2001

Vial: 9

Operator: 206-BH

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

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

Response via : Initial Calibration

DataAcq Meth : HP121001

| Compound                       | R.T.  | QIon | Response | Conc   | Unit | Qvalue |
|--------------------------------|-------|------|----------|--------|------|--------|
| 34) CIS-1,3-DICHLOROPROPENE    | 17.18 | 75   | 2347292  | 41.04  | ug/L | 99     |
| 35) TOLUENE                    | 17.93 | 91   | 6508654  | 40.52  | ug/L | 99     |
| 36) TRANS-1,3-DICHLOROPROPENE  | 18.22 | 75   | 1920249  | 43.23  | ug/L | 98     |
| 37) 1,1,2-TRICHLOROETHANE      | 18.60 | 97   | 932610   | 42.39  | ug/L | 99     |
| 38) TETRACHLOROETHENE          | 19.36 | 166  | 1727560  | 45.61  | ug/L | 99     |
| 39) 1,3-DICHLOROPROPANE        | 19.12 | 76   | 1923170  | 45.26  | ug/L | 99     |
| 40) DIBROMOCHLOROMETHANE       | 19.79 | 129  | 1250730  | 46.77  | ug/L | 100    |
| 41) 1,2-DIBROMOETHANE          | 20.25 | 107  | 888047   | 42.41  | ug/L | 99     |
| 42) CHLOROBENZENE              | 21.14 | 112  | 4566882  | 42.75  | ug/L | 99     |
| 43) 1,1,1,2-TETRACHLOROETHANE  | 21.17 | 131  | 1620786  | 46.53  | ug/L | 96     |
| 44) 2-HEXANONE                 | 18.49 | 43   | 534984   | 42.30  | ug/L | 98     |
| 45) ETHYLBENZENE               | 21.17 | 91   | 8839545  | 44.69  | ug/L | 95     |
| 46) P & M-XYLENE               | 21.34 | 106  | 6306997  | 84.85  | ug/L | 94     |
| 47) O-XYLENE                   | 22.29 | 91   | 7424480  | 47.09  | ug/L | 96     |
| 48) STYRENE                    | 22.36 | 104  | 5461192  | 44.53  | ug/L | 99     |
| 49) 1,1,2,2-TETRACHLOROETHANE  | 23.37 | 83   | 1187729  | 50.47  | ug/L | 100    |
| 51) BROMOFORM                  | 23.20 | 173  | 785292   | 43.27  | ug/L | 99     |
| 52) ISOPROPYLBENZENE           | 23.03 | 105  | 9316071  | 35.53  | ug/L | 100    |
| 53) 1,2,3-TRICHLOROPROPANE     | 23.71 | 110  | 338661   | 35.42  | ug/L | 91     |
| 54) N-PROPYLBENZENE            | 23.90 | 91   | 13155130 | 38.69  | ug/L | 99     |
| 55) BROMOBENZENE               | 24.12 | 156  | 2116502  | 37.88  | ug/L | 92     |
| 56) 1,3,5-TRIMETHYLBENZENE     | 24.22 | 105  | 8226907  | 36.33  | ug/L | 98     |
| 57) 2-CHLOROTOLUENE            | 24.36 | 91   | 8458373  | 39.22  | ug/L | 100    |
| 58) 4-CHLOROTOLUENE            | 24.44 | 91   | 7474782  | 38.71  | ug/L | 100    |
| 59) TERT-BUTYLBENZENE          | 25.00 | 134  | 1837474  | 37.98  | ug/L | 99     |
| 60) 1,2,4-TRIMETHYLBENZENE     | 25.09 | 105  | 8986810  | 38.23  | ug/L | 98     |
| 61) SEC-BUTYLBENZENE           | 25.45 | 105  | 12348511 | 39.15  | ug/L | 100    |
| 62) P-ISOPROPYLTOLUENE         | 25.72 | 119  | 9625379  | 38.01  | ug/L | 99     |
| 63) 1,3-DICHLOROBENZENE        | 26.06 | 146  | 4839612  | 40.08  | ug/L | 98     |
| 64) 1,4-DICHLOROBENZENE        | 26.28 | 146  | 4860856  | 40.25  | ug/L | 97     |
| 65) N-BUTYLBENZENE             | 26.60 | 91   | 10369349 | 42.80  | ug/L | 98     |
| 66) 1,2-DICHLOROBENZENE        | 27.12 | 146  | 4170438  | 41.85  | ug/L | 98     |
| 67) 1,2-DIBROMO-3-CHLOROPROPAN | 28.77 | 157  | 219714   | 43.13  | ug/L | 92     |
| 68) NITROBENZENE               | 28.96 | 77   | 1833047  | 873.00 | ug/L | 94     |
| 69) 1,2,4-TRICHLOROBENZENE     | 30.69 | 180  | 2530870  | 45.81  | ug/L | 99     |
| 70) HEXACHLOROBUTADIENE        | 30.95 | 225  | 1455067  | 43.35  | ug/L | 99     |
| 71) NAPHTHALENE                | 31.37 | 128  | 2716963  | 44.62  | ug/L | 99     |
| 72) 1,2,3-TRICHLOROBENZENE     | 31.94 | 180  | 1836841  | 45.31  | ug/L | 98     |

(#) = qualifier out of range (m) = manual integration  
 1220R40.D HP121001.M Thu Dec 20 11:51:25 2001

Page 2

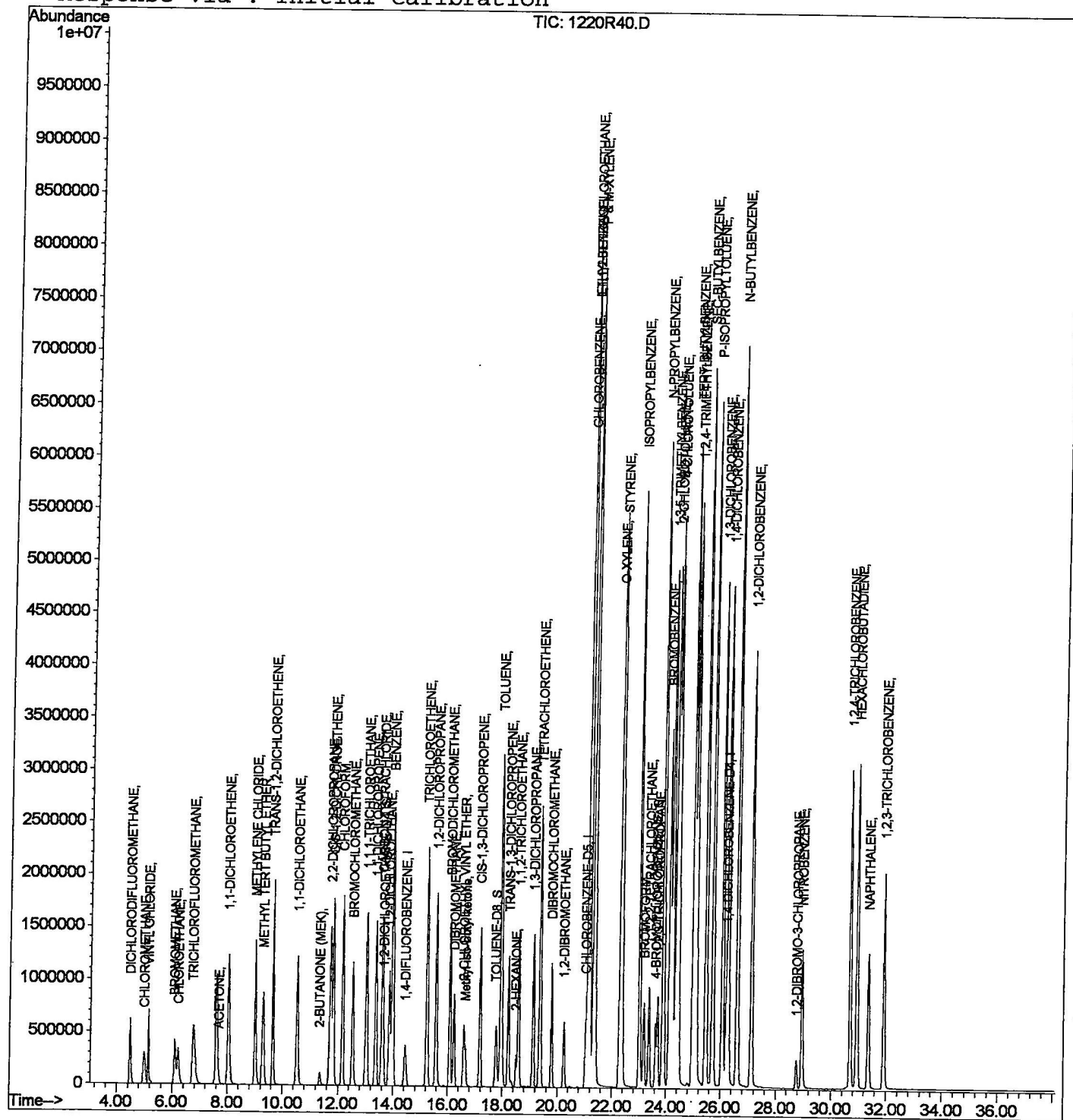
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec20\1220R40.D  
Acq On : 20 Dec 2001 11:12 am  
Sample : ref 40  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 20 11:51 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: 12/24/2001 Time: 10:34:11

Sample: AD30470  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/20/01 00:04 Ended: 12/20/01 00:04 Analyst: BH  
 Result source: c:\hpc\chem\1\data\01dec20\30470.d\30470.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.4    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 3.9    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.1    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

|             |           |
|-------------|-----------|
| REVIEWED BY | <i>AV</i> |
| DATE        | 12/28/01  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/24/2001 Time: 10:34:11

Sample: AD30470

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/20/01 00:04 Ended: 12/20/01 00:04 Analyst: BH

Result source: c:\hpcchem\1\data\01dec20\30470.d\30470.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\01dec20\30470.D  
 Acq On : 20 Dec 2001 4:01 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 20 16:39 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      | 14.46 | 114  | 757589   | 5.00 | ug/L    | 0.10      |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 715097   | 5.00 | ug/L    | 0.07      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 313253   | 5.00 | ug/L    | 0.09      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 269174   | 5.39 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 107.80% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 228823   | 3.94 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 78.80%  |           |
| 23) TOLUENE-D8              | 17.76 | 98   | 960087   | 5.06 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 101.20% |           |
| Target Compounds            |       |      |          |      |         | Qvalue    |
| 10) ACETONE                 | 7.69  | 43   | 12219    | 2.40 | ug/L    | 88        |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 2337     | 0.26 | ug/L    | 64        |
| 70) HEXACHLOROBUTADIENE     | 30.96 | 225  | 2093     | 0.12 | ug/L    | 77        |
| 72) 1,2,3-TRICHLOROBENZENE  | 31.94 | 180  | 4534     | 0.21 | ug/L    | 81        |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30470.D HP121001.M Thu Dec 20 16:40:08 2001

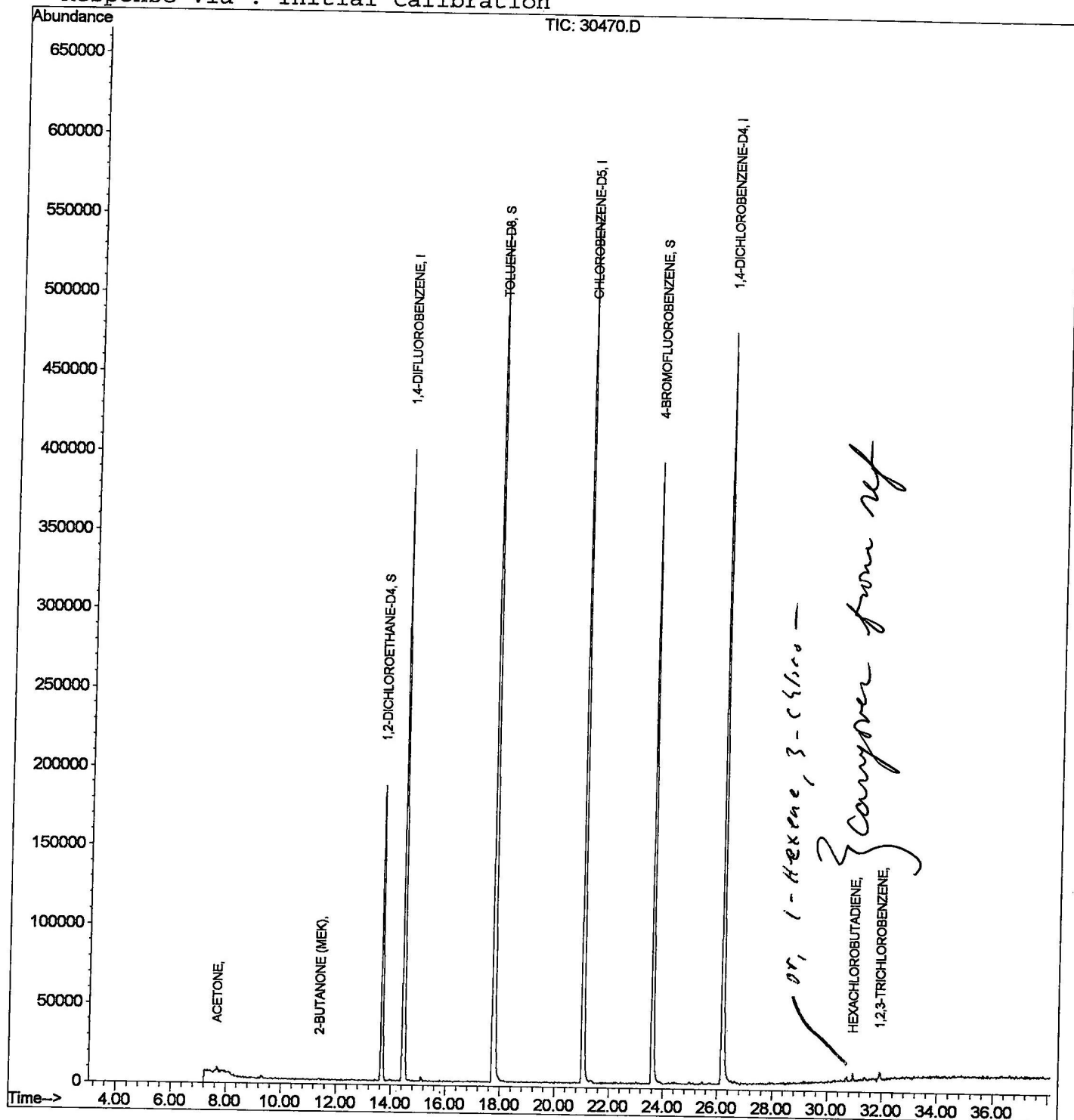
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec20\30470.D  
 Acq On : 20 Dec 2001 4:01 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 20 16:39 2001

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

Quant Results File: HP121001.RES

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



30470.D HP121001.M

Thu Dec 20 16:40:12 2001

Page 2



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec20\30470.D  
 Acq On : 20 Dec 2001 4:01 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

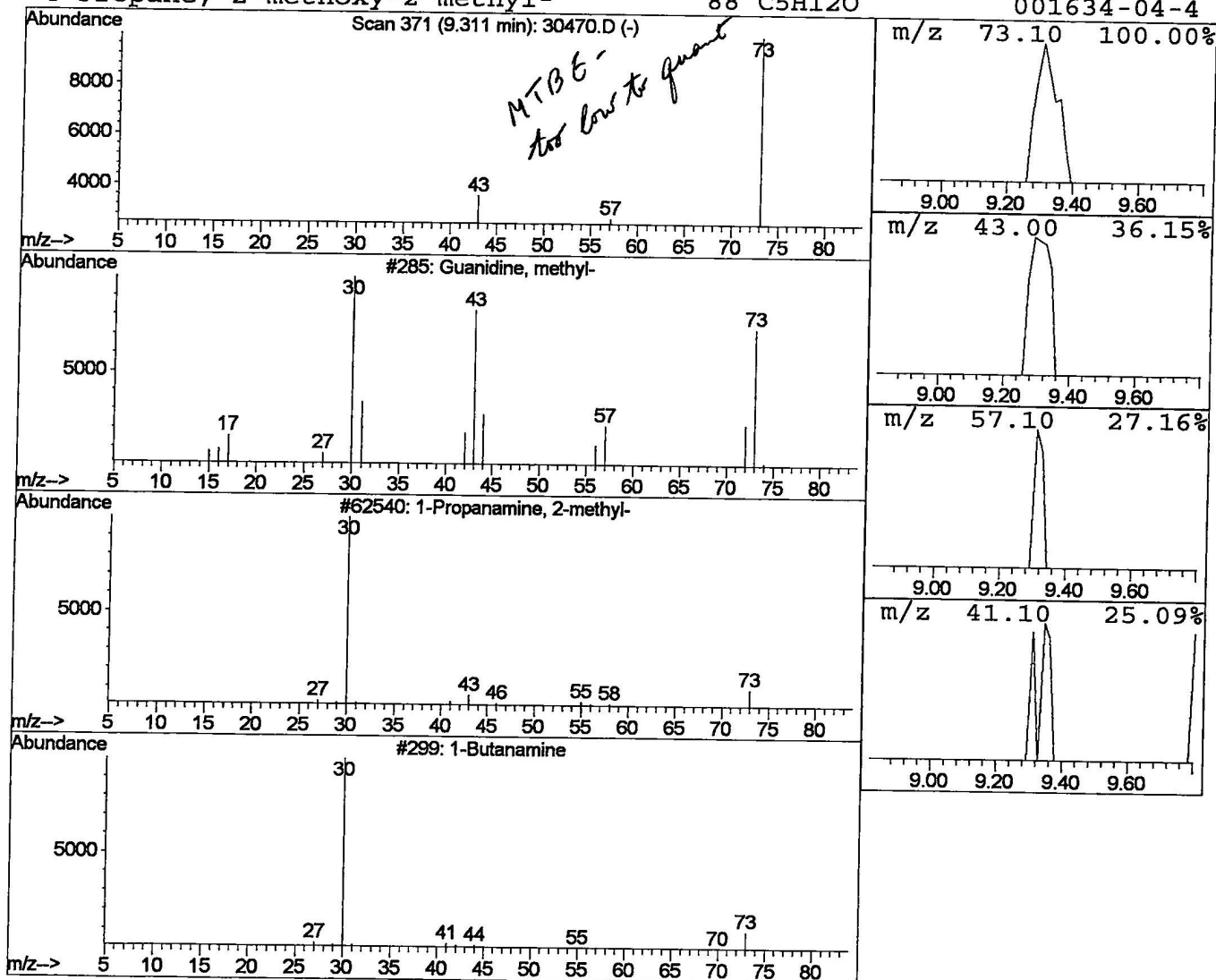
Vial: 6  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 3 Guanine, methyl- Concentration Rank 2

| R.T. | EstConc   | Area | Relative to ISTD    | R.T.  |
|------|-----------|------|---------------------|-------|
| 9.31 | 0.03 ug/L | 9988 | 1,4-DIFLUOROBENZENE | 14.46 |

| Hit# of 5 | Tentative ID                 | MW | MolForm | CAS#        | Qual |
|-----------|------------------------------|----|---------|-------------|------|
| 1         | Guanidine, methyl-           | 73 | C2H7N3  | 000471-29-4 | 3    |
| 2         | 1-Propanamine, 2-methyl-     | 73 | C4H11N  | 000078-81-9 | 3    |
| 3         | 1-Butanamine                 | 73 | C4H11N  | 000109-73-9 | 3    |
| 4         | Propane, 2-methoxy-2-methyl- | 88 | C5H12O  | 001634-04-4 | 2    |





# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec20\30470.D  
 Acq On : 20 Dec 2001 4:01 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

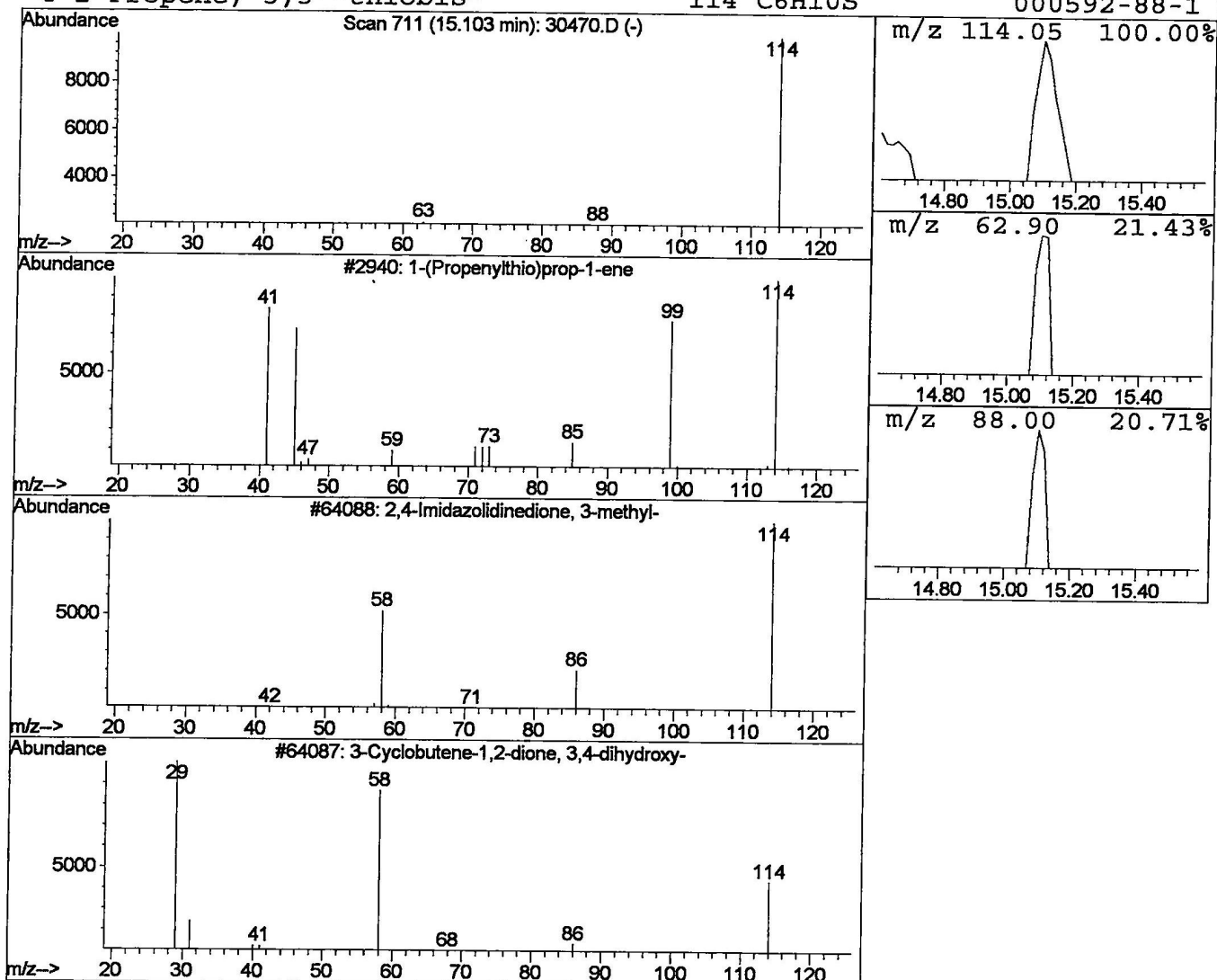
Vial: 6  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 4 1-(Propenylthio)prop-1-ene Concentration Rank 4

| R.T.  | EstConc   | Area | Relative to ISTD    | R.T.  |
|-------|-----------|------|---------------------|-------|
| 15.10 | 0.02 ug/L | 8935 | 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    |    |   | 3-Cyclobutene-1,2-dione, 3,4-dihydr | 114 | C4H2O4   | 002892-51-5 | 2    |
| 4    |    |   | 1-Propene, 3,3'-thiobis-            | 114 | C6H10S   | 000592-88-1 | 2    |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec20\30470.D

Acq On : 20 Dec 2001 4:01 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)

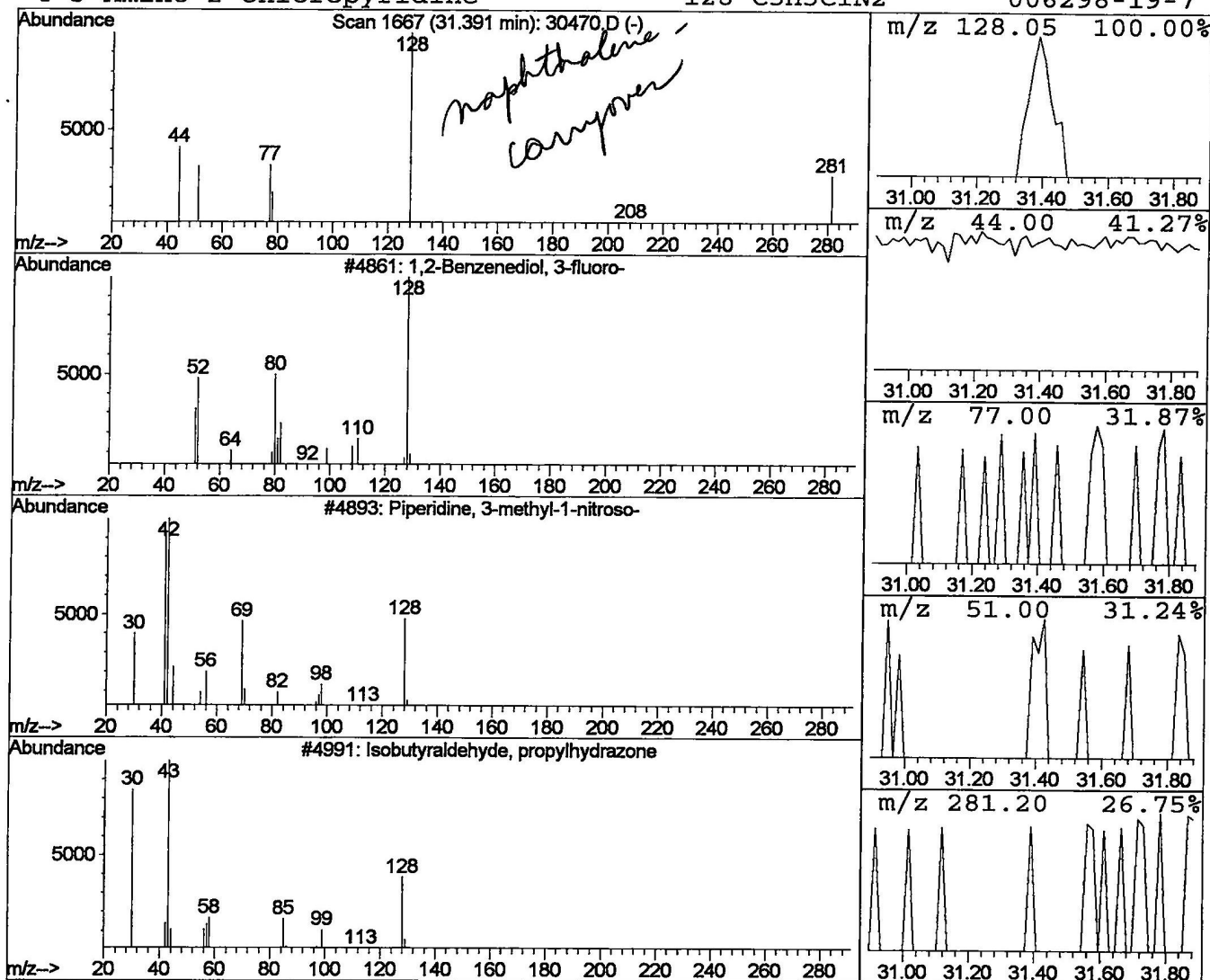
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
Peak Number 5 1,2-Benzenediol, 3-fluoro- Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 31.39 | 0.03 ug/L | 10550 | 1,4-DICHLOROBENZENE-D4 | 26.19 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|----------|-------------|------|
| 1    |    |   | 1,2-Benzenediol, 3-fluoro-        | 128 | C6H5FO2  | 000363-52-0 | 4    |
| 2    |    |   | Piperidine, 3-methyl-1-nitroso-   | 128 | C6H12N2O | 013603-07-1 | 4    |
| 3    |    |   | Isobutyraldehyde, propylhydrazone | 128 | C7H16N2  | 020607-78-7 | 4    |
| 4    |    |   | 3-Amino-2-chloropyridine          | 128 | C5H5ClN2 | 006298-19-7 | 4    |



## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC20\30470F.D

Vial: 12

Acq On : 21 Dec 2001 5:05 am

Operator: 206-BH

Sample : nyc fb

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 24 10:22 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  | 570152   | 5.00  | ug/L    | 0.09      |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 548630   | 5.00  | ug/L    | 0.07      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 258388   | 5.00  | ug/L    | 0.09      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.66 | 65   | 232054   | 6.18  | ug/L    | 0.07      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 123.60% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 177787   | 4.06  | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 81.20%  |           |
| 23) TOLUENE-D8              | 17.76 | 98   | 756388   | 5.20  | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 104.00% |           |
| Target Compounds            |       |      |          |       |         |           |
| 10) ACETONE                 | 7.69  | 43   | 60314    | 15.77 | ug/L    | Qvalue 97 |
| 12) METHYLENE CHLORIDE      | 9.00  | 49   | 10431    | 0.33  | ug/L    | 93        |
| 13) METHYL TERT BUTYL ETHER | 9.31  | 73   | 5473     | 0.13  | ug/L    | 89        |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 1238     | 0.18  | ug/L    | 64        |

*Jim including this  
for you to look at  
although associated  
CCV failed badly.  
↑  
12/20/01  
- not reported*

(#) = qualifier out of range (m) = manual integration  
30470F.D HP121001.M Mon Dec 24 10:22:15 2001

Page 1

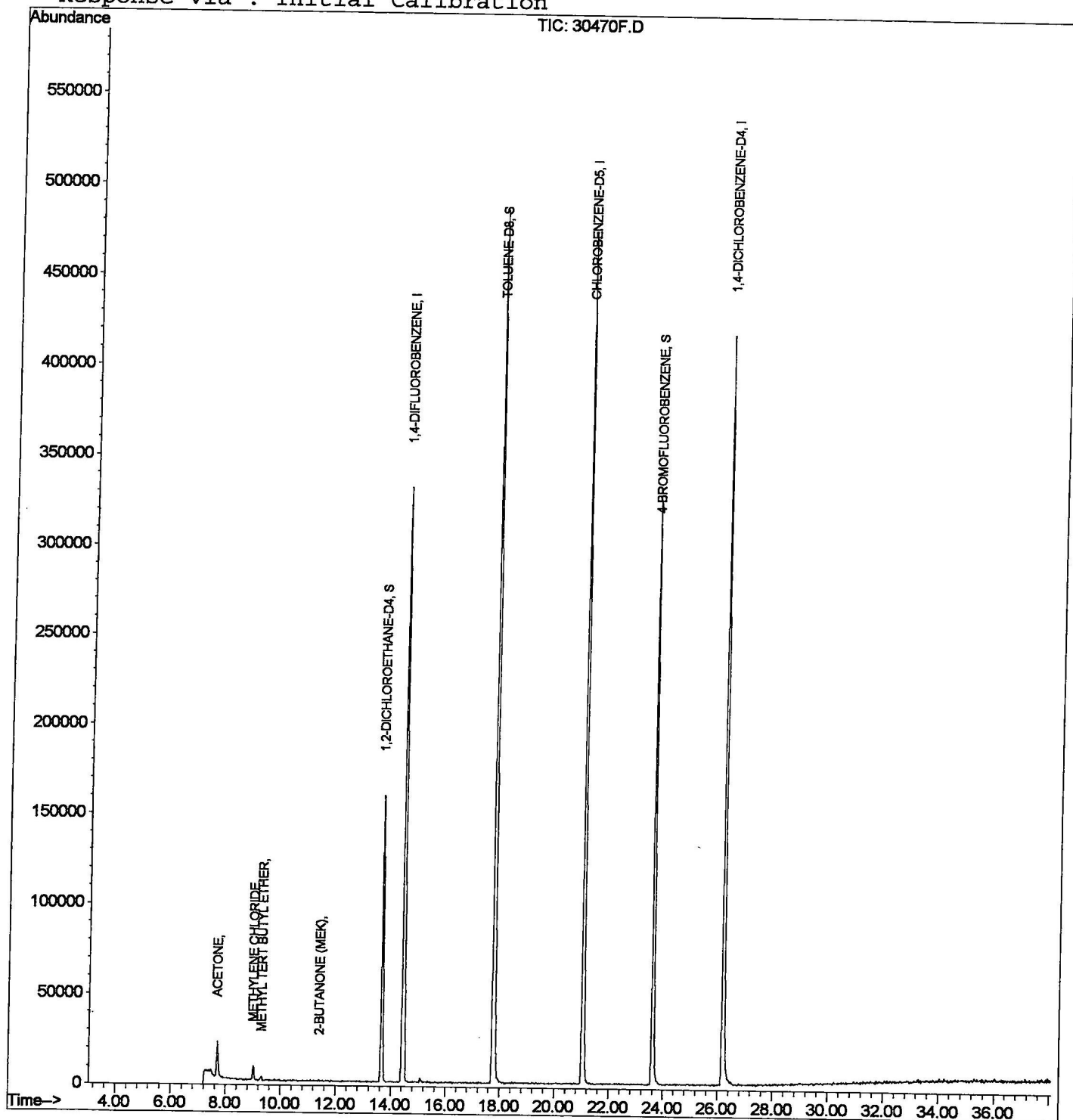
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC20\30470F.D  
 Acq On : 21 Dec 2001 5:05 am  
 Sample : nyc fb  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 10:22 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\01DEC20\30470F.D  
 Acq On : 21 Dec 2001 5:05 am  
 Sample : nyc fb  
 Misc :  
 MS Integration Params: LSCINT.P

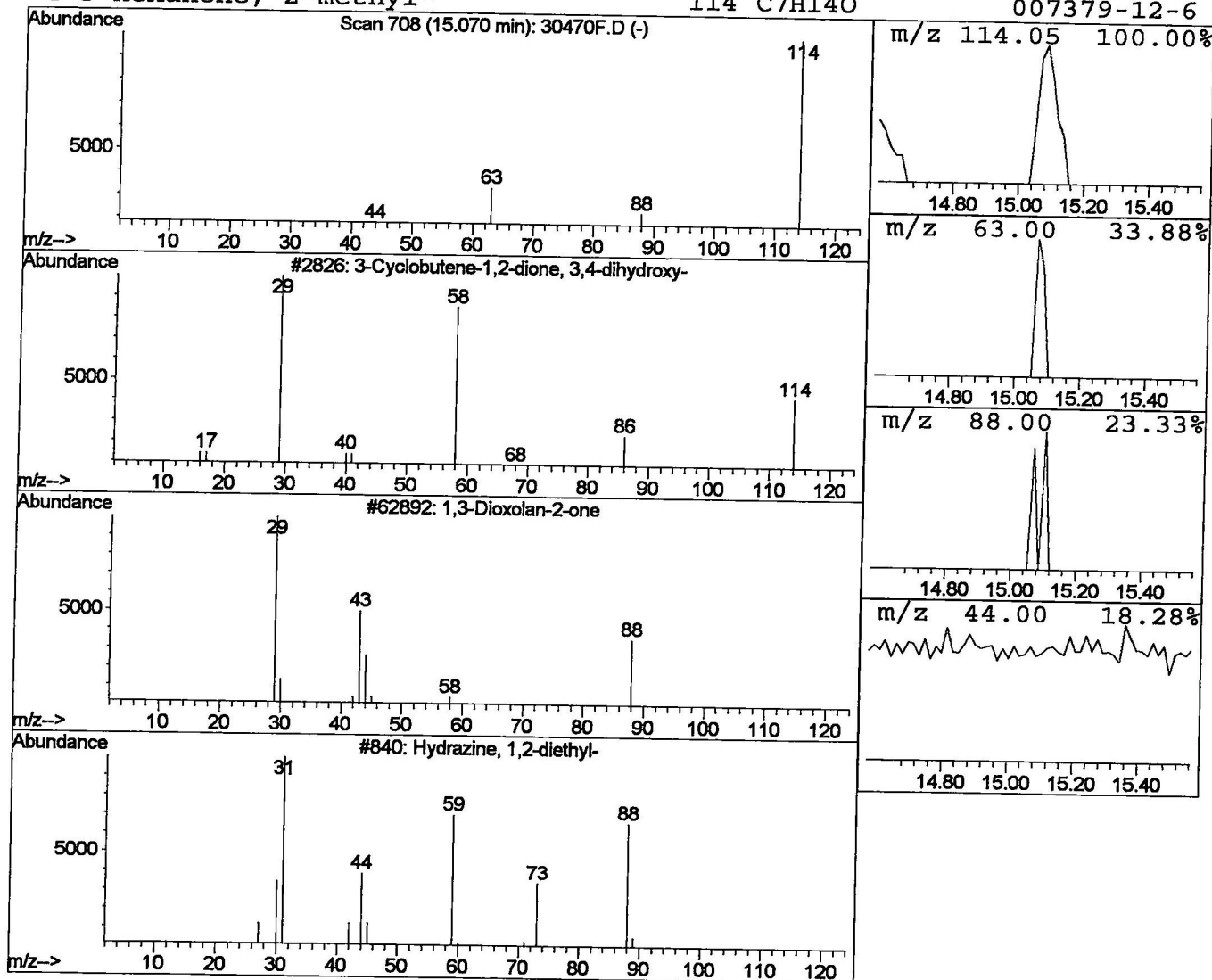
Vial: 12  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

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

| R.T.  | EstConc   | Area | Relative to ISTD    | R.T.  |
|-------|-----------|------|---------------------|-------|
| 15.07 | 0.03 ug/L | 8041 | 1,4-DIFLUOROBENZENE | 14.44 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------------------|-----|---------|-------------|------|
| 1       |   | 3-Cyclobutene-1,2-dione, 3,4-dihydr | 114 | C4H2O4  | 002892-51-5 | 4    |
| 2       |   | 1,3-Dioxolan-2-one                  | 88  | C3H4O3  | 000096-49-1 | 4    |
| 3       |   | Hydrazine, 1,2-diethyl-             | 88  | C4H12N2 | 001615-80-1 | 4    |
| 4       |   | 3-Hexanone, 2-methyl-               | 114 | C7H14O  | 007379-12-6 | 4    |



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/24/2001 Time: 10:39:51

Sample: AD30471  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/20/01 00:04 Ended: 12/20/01 00:04 Analyst: BH  
 Result source: c:\hpcchem\1\data\01dec20\30471.d\30471.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.4    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 4.1    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.1    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

REVIEWED BY AV  
 DATE 12/28/01

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/24/2001 Time: 10:39:51

Sample: AD30471  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/20/01 00:04 Ended: 12/20/01 00:04 Analyst: BH  
Result source: c:\hpchem\1\data\01dec20\30471.d\30471.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\01dec20\30471.D  
 Acq On : 20 Dec 2001 4:44 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 20 17:23 2001

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

Quant Results File: HP121001.RES

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

| Internal Standards          | R.T.  | QIon | Response | Conc | Units   | Dev(Min)     |
|-----------------------------|-------|------|----------|------|---------|--------------|
| 1) 1,4-DIFLUOROBENZENE      | 14.46 | 114  | 733956   | 5.00 | ug/L    | 0.10         |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 709106   | 5.00 | ug/L    | 0.09         |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 316857   | 5.00 | ug/L    | 0.10         |
| System Monitoring Compounds |       |      |          |      |         |              |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 262192   | 5.42 | ug/L    | 0.09         |
| Spiked Amount 5.000         |       |      | Recovery | =    | 108.40% |              |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 228557   | 4.06 | ug/L    | 0.09         |
| Spiked Amount 5.000         |       |      | Recovery | =    | 81.20%  |              |
| 23) TOLUENE-D8              | 17.78 | 98   | 953663   | 5.07 | ug/L    | 0.10         |
| Spiked Amount 5.000         |       |      | Recovery | =    | 101.40% |              |
| Target Compounds            |       |      |          |      |         |              |
| 10) ACETONE                 | 7.71  | 43   | 7558     | 1.54 | ug/L    | Qvalue<br>98 |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30471.D HP121001.M Thu Dec 20 17:23:34 2001



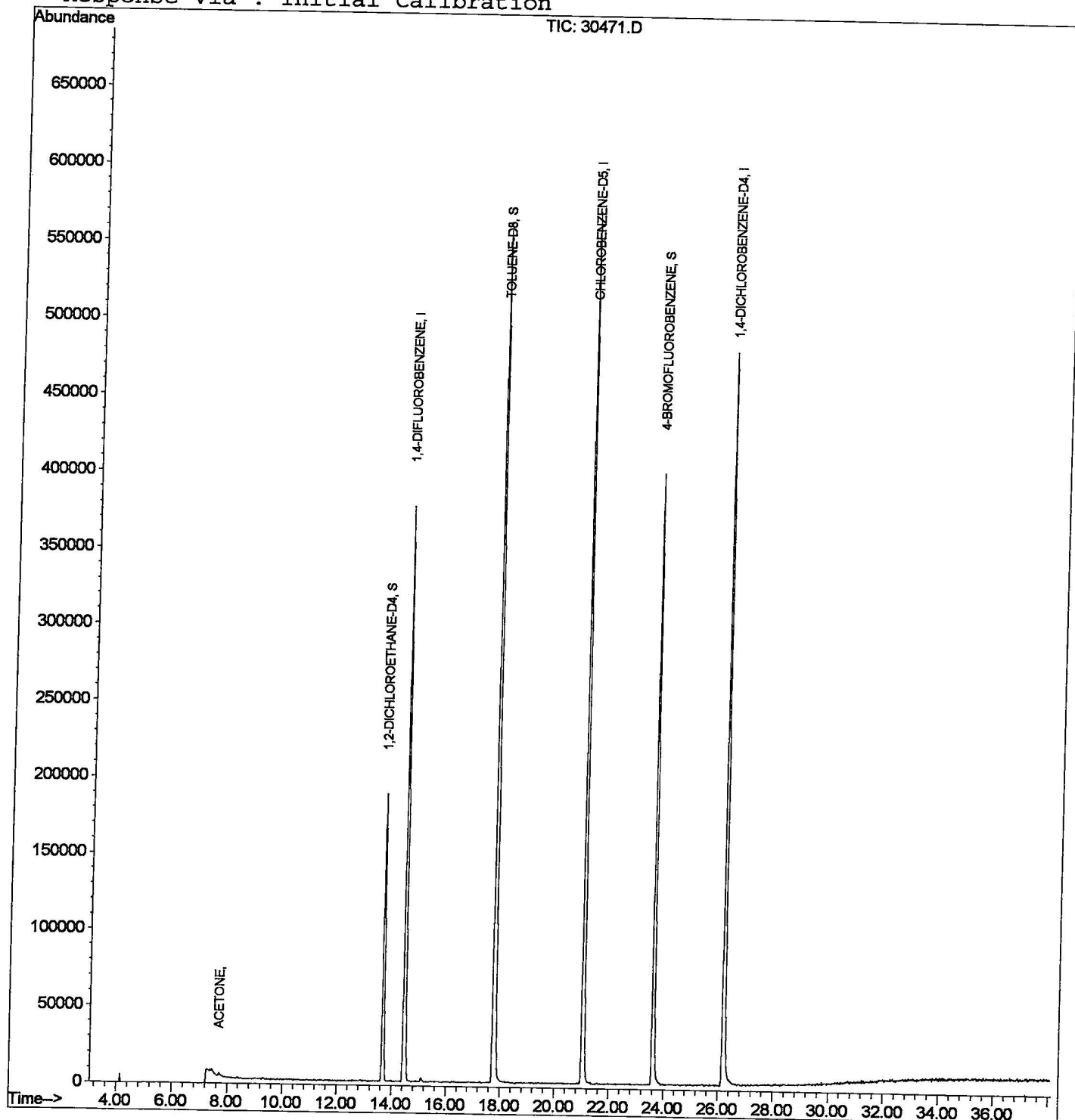
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec20\30471.D  
 Acq On : 20 Dec 2001 4:44 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 20 17:23 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



30471.D HP121001.M

Thu Dec 20 17:23:37 2001

Page 2

## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec20\30471.D

Acq On : 20 Dec 2001 4:44 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)

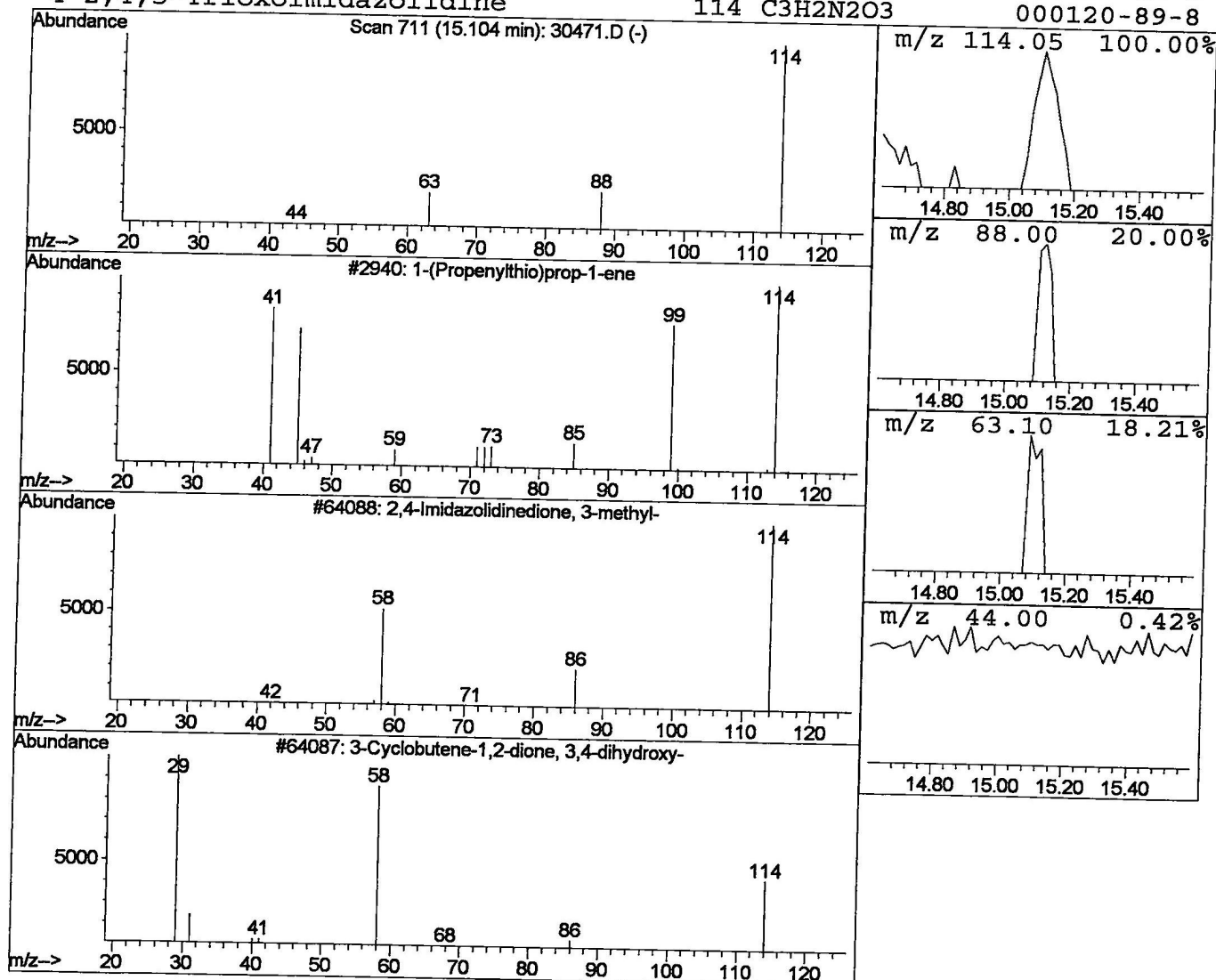
Title : VOCs BY EPA METHOD 524

Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
Peak Number 3 1-(Propenylthio)prop-1-ene Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.10 | 0.03 ug/L | 12762 | 1,4-DIFLUOROBENZENE | 14.46 |

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



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/24/2001 Time: 10:49:07

Sample: AD30472  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/20/01 00:05 Ended: 12/20/01 00:05 Analyst: BH  
 Result source: c:\hpcchem\1\data\01dec20\30472.d\30472.rr  
 Page: 1

|    | Component Name                 | Vol | Result | Qualifier | MDL |
|----|--------------------------------|-----|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |     | 5.9    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |     | 4.2    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |     | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |     | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |     | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |     | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |     | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |     | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |     | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |     | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |     | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |     | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |     | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |     | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |     | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |     | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |     | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |     | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |     | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |     | 5.0    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |     | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |     | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |     | < MDL  |           | 0.5 |
| 24 | Benzene                        |     | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |     | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |     | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |     | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |     | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |     | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |     | < MDL  |           | 0.5 |
| 31 | Toluene                        |     | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |     | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |     | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |     | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |     | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |     | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |     | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |     | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |     | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |     | < MDL  |           | 0.5 |
| 41 | O-xylene                       |     | < MDL  |           | 0.5 |
| 42 | Styrene                        |     | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |     | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |     | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |     | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |     | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |     | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |     | < MDL  |           | 0.5 |

REVIEWED BY SV  
 DATE 12/28/01

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/24/2001 Time: 10:49:07

Sample: AD30472

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/20/01 00:05 Ended: 12/20/01 00:05 Analyst: BH

Result source: c:\hpcchem\1\data\01dec20\30472.d\30472.rr

Page: 2

|    | Component Name         | Vol | 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\01dec20\30472.D  
 Acq On : 20 Dec 2001 5:28 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 20 18:06 2001

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

Quant Results File: HP121001.RES

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

| Internal Standards          | R.T.  | QIon | Response | Conc | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|------|---------|-----------|
| 1) 1,4-DIFLUOROBENZENE      | 14.44 | 114  | 678955   | 5.00 | ug/L    | 0.09      |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 663877   | 5.00 | ug/L    | 0.09      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 299582   | 5.00 | ug/L    | 0.10      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 264756   | 5.92 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 118.40% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 216540   | 4.16 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 83.20%  |           |
| 23) TOLUENE-D8              | 17.76 | 98   | 882207   | 5.01 | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 100.20% |           |
| Target Compounds            |       |      |          |      |         |           |
| 10) ACETONE                 | 7.71  | 43   | 8101     | 1.78 | ug/L    | Qvalue 95 |
| 16) 2-BUTANONE (MEK)        | 11.42 | 43   | 2912     | 0.36 | ug/L    | 64        |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30472.D HP121001.M Thu Dec 20 18:06:56 2001

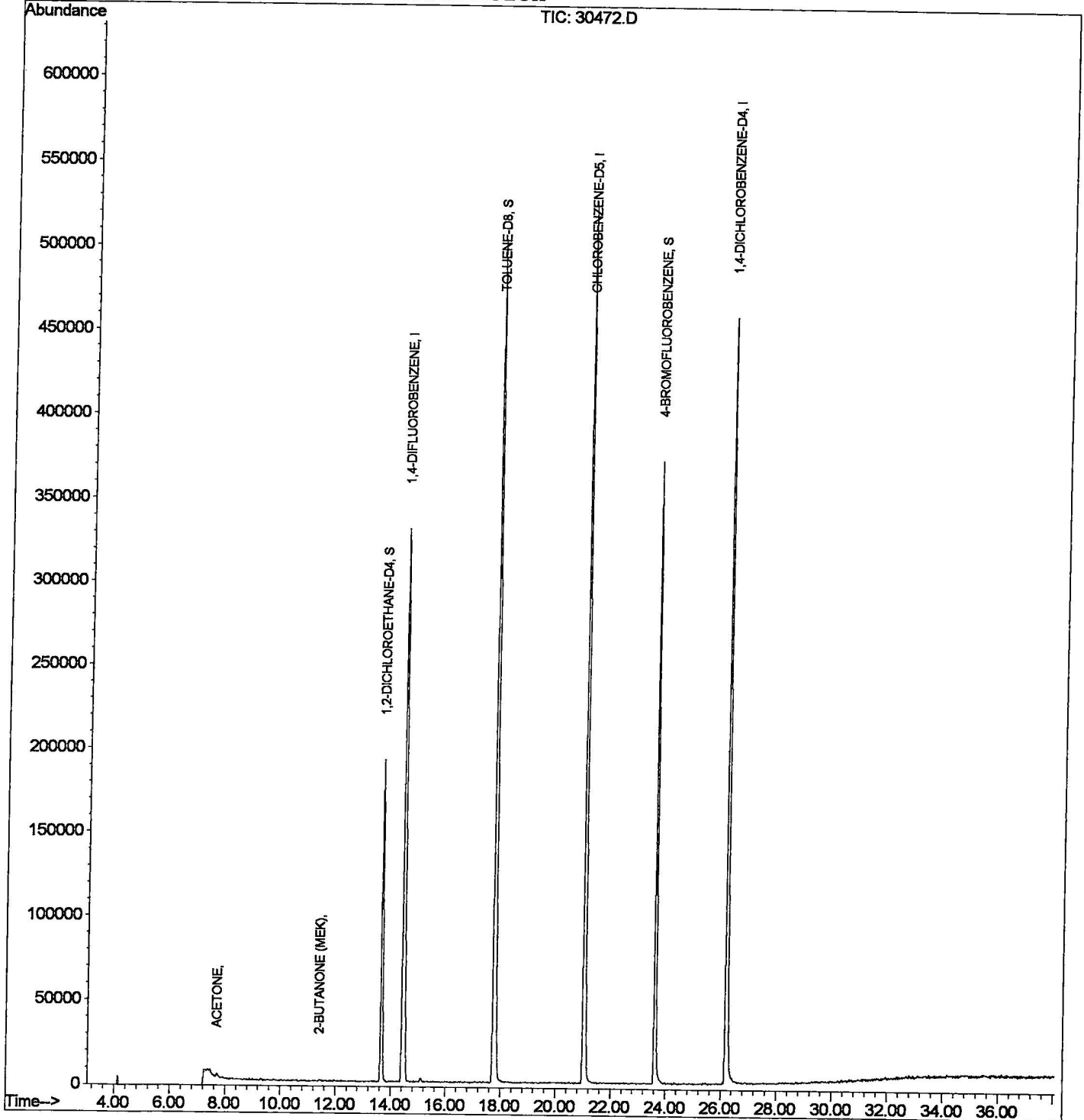
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec20\30472.D  
 Acq On : 20 Dec 2001 5:28 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 20 18:06 2001

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

Quant Results File: HP121001.RES

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



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec20\30472.D  
 Acq On : 20 Dec 2001 5:28 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

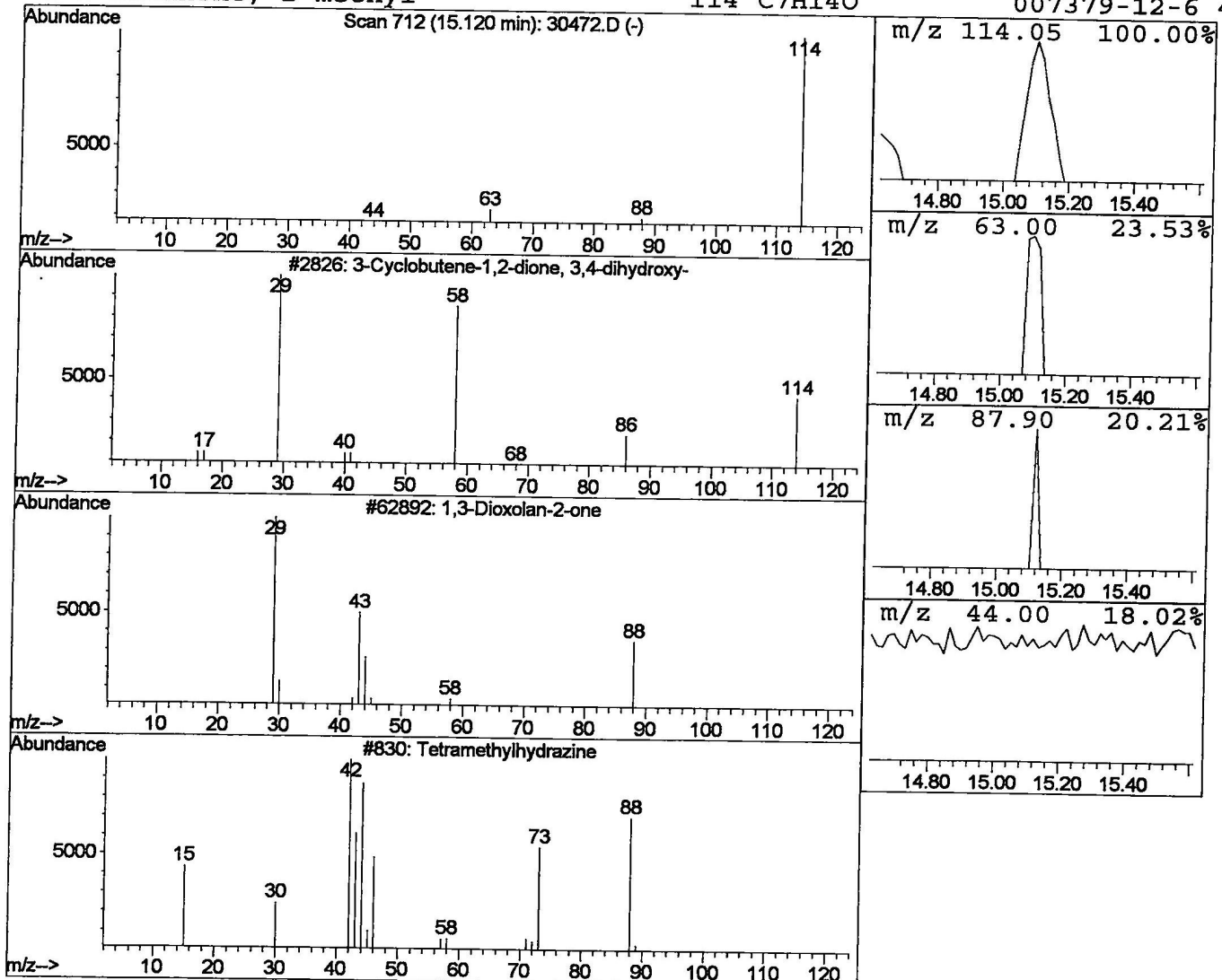
Vial: 8  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

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

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.12 | 0.03 ug/L | 10715 | 1,4-DIFLUOROBENZENE | 14.44 |

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



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/24/2001 Time: 11:06:25

Sample: AD30470  
 Analysis: \$B2524 Volatile Organic Compounds-Blank  
 Units: ug  
 Started: 12/21/01 00:09 Ended: 12/21/01 00:09 Analyst: BH  
 Result source: c:\hpcchem\1\data\01dec21\1221bl1.d\1221bl1.rr  
 Page: 1

|    | Component Name             | Viol | Result |
|----|----------------------------|------|--------|
| 1  | Surr - 1,2-DICHLOROETHANE- |      | 5.5    |
| 2  | Surr - 4-BROMOFLUOROBENZ   |      | 4.0    |
| 3  | DICHLORODIFLUOROMETHAN     |      | < MDL  |
| 4  | CHLOROMETHANE              |      | < MDL  |
| 5  | VINYL CHLORIDE             |      | < MDL  |
| 6  | BROMOMETHANE               |      | < MDL  |
| 7  | CHLOROETHANE               |      | < MDL  |
| 8  | TRICHLOROFLUOROMETHAN      |      | < MDL  |
| 9  | ACETONE                    |      | < MDL  |
| 10 | 1,1-DICHLOROETHENE         |      | < MDL  |
| 11 | METHYLENE CHLORIDE         |      | < MDL  |
| 12 | METHYL TERT BUTYL ETHER    |      | < MDL  |
| 13 | TRANS-1,2-DICHLOROETHEN    |      | < MDL  |
| 14 | 1,1-DICHLOROETHANE         |      | < MDL  |
| 15 | 2-BUTANONE (MEK)           |      | < MDL  |
| 16 | 2,2-DICHLOROPROPANE        |      | < MDL  |
| 17 | CIS-1,2-DICHLOROETHENE     |      | < MDL  |
| 18 | CHLOROFORM                 |      | < MDL  |
| 19 | BROMOCHLOROMETHANE         |      | < MDL  |
| 20 | 1,2-DICHLOROETHANE         |      | < MDL  |
| 21 | Surr - TOLUENE-D8          |      | 5.2    |
| 22 | 1,1,1-TRICHLOROETHANE      |      | < MDL  |
| 23 | 1,1-DICHLOROPROPENE        |      | < MDL  |
| 24 | CARBON TETRACHLORIDE       |      | < MDL  |
| 25 | BENZENE                    |      | < MDL  |
| 26 | TRICHLOROETHENE            |      | < MDL  |
| 27 | 1,2-DICHLOROPROPANE        |      | < MDL  |
| 28 | DIBROMOMETHANE             |      | < MDL  |
| 29 | BROMODICHLOROMETHANE       |      | < MDL  |
| 30 | 2-CHLOROETHYL VINYL ETHE   |      | < MDL  |
| 31 | MIBK                       |      | < MDL  |
| 32 | CIS-1,3-DICHLOROPROPENE    |      | < MDL  |
| 33 | TOLUENE                    |      | < MDL  |
| 34 | TRANS-1,3-DICHLOROPROPE    |      | < MDL  |
| 35 | 1,1,2-TRICHLOROETHANE      |      | < MDL  |
| 36 | TETRACHLOROETHENE          |      | < MDL  |
| 37 | 1,3-DICHLOROPROPANE        |      | < MDL  |
| 38 | DIBROMOCHLOROMETHANE       |      | < MDL  |
| 39 | 1,2-DIBROMOETHANE          |      | < MDL  |
| 40 | CHLOROBENZENE              |      | < MDL  |
| 41 | 1,1,1,2-TETRACHLOROETHA    |      | < MDL  |
| 42 | 2-HEXANONE                 |      | < MDL  |
| 43 | ETHYLBENZENE               |      | < MDL  |
| 44 | P & M-XYLENE               |      | < MDL  |
| 45 | O-XYLENE                   |      | < MDL  |
| 46 | STYRENE                    |      | < MDL  |
| 47 | 1,1,2,2-TETRACHLOROETHA    |      | < MDL  |
| 48 | BROMOFORM                  |      | < MDL  |



User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/24/2001 Time: 11:06:25

Sample: AD30470  
Analysis: \$B2524 Volatile Organic Compounds-Blank  
Units: ug  
Started: 12/21/01 00:09 Ended: 12/21/01 00:09 Analyst: BH  
Result source: c:\hpcchem\1\data\01dec21\1221bl1.d\1221bl1.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\01dec21\1221BL1.D  
 Acq On : 21 Dec 2001 9:12 am  
 Sample : 1b  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 21 9:51 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      | 14.41 | 114  | 771654   | 5.00 | ug/L    | 0.05     |
| 22) CHLOROBENZENE-D5        | 21.00 | 117  | 697525   | 5.00 | ug/L    | 0.03     |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.18 | 152  | 324470   | 5.00 | ug/L    | 0.07     |
| System Monitoring Compounds |       |      |          |      |         |          |
| 2) 1,2-DICHLOROETHANE-D4    | 13.64 | 65   | 281367   | 5.54 | ug/L    | 0.05     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 110.80% |          |
| 3) 4-BROMOFLUOROBENZENE     | 23.59 | 174  | 236483   | 3.99 | ug/L    | 0.05     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 79.80%  |          |
| 23) TOLUENE-D8              | 17.73 | 98   | 954057   | 5.16 | ug/L    | 0.05     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 103.20% |          |

Target Compounds

Qvalue

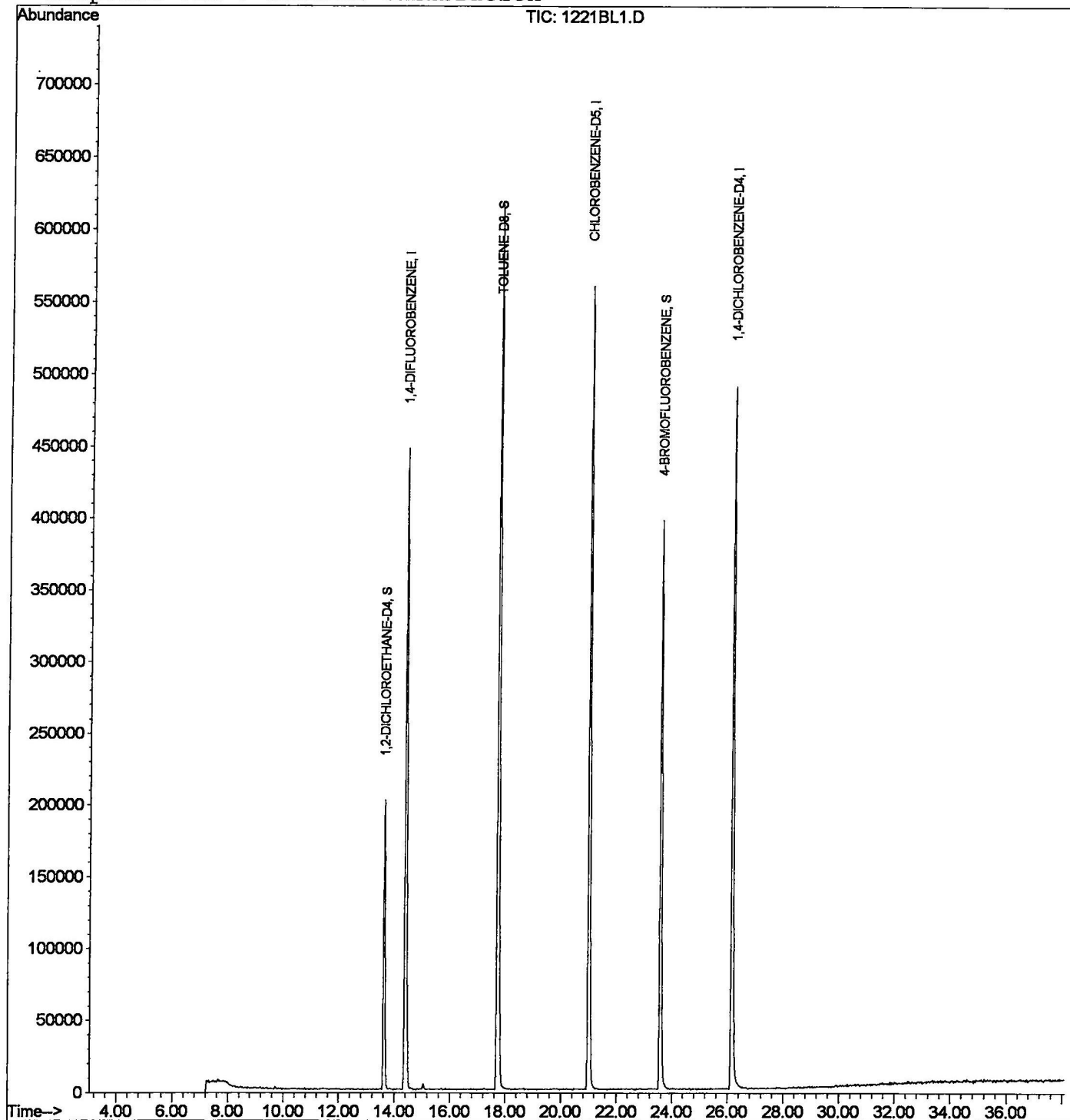
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec21\1221BL1.D  
 Acq On : 21 Dec 2001 9:12 am  
 Sample : lb  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 21 9:51 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



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/24/2001 Time: 11:01:35

Sample: AD30470

Analysis: \$C2524 Volatile Organic Compounds-Cal 2

Units: ug

Started: 12/21/01 00:09 Ended: 12/21/01 00:09 Analyst: BH

Result source: c:\hpcchem\1\data\01dec21\1221c10.d\1221c10.r

Page: 1

|    | Component Name                 | Vol   | Result | Qualifier | MDL |
|----|--------------------------------|-------|--------|-----------|-----|
| 1  | Surr_1,2-DICHLOROETHANE-       |       | 6.0    |           | .5  |
| 2  | Surr_4-BROMOFLUOROBENZE        |       | 5.7    |           | .5  |
| 3  | Dichlorodifluoromethane        |       | 9.1    |           | .5  |
| 4  | Chloromethane                  | USPEC | 11     |           | .5  |
| 5  | Trichloroethane                | USPEC | 11     |           | .5  |
| 6  | Bromomethane                   |       | 13     |           | .5  |
| 7  | Chloroform                     | USPEC | 10     |           | .5  |
| 8  | Trichlorofluoromethane         |       | 13     |           | .5  |
| 9  | 1,1-Dichloroethene             |       | 8.4    |           | .5  |
| 10 | Methylene Chloride             |       | 10     |           | .5  |
| 11 | Methyl tert-butyl ether (MTBE) |       | 8.3    |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |       | 8.7    |           | .5  |
| 13 | 1,1-dichloroethane             |       | 9.3    |           | .5  |
| 14 | 2-butanone (MEK)               |       | 9.6    |           | 2.0 |
| 15 | 2,2-dichloropropane            |       | 9.7    |           | .5  |
| 16 | cis-1,2-dichloroethene         |       | 8.7    |           | .5  |
| 17 | Chloroform                     |       | 10     |           | .5  |
| 18 | Bromochloromethane             |       | 10     |           | .5  |
| 19 | 1,2-dichloroethane             |       | 10     |           | .5  |
| 20 | Surr_TOLUENE-D8                |       | 4.9    |           | .5  |
| 21 | 1,1,1- trichloroethane         |       | 10     |           | .5  |
| 22 | 1,1-dichloropropene            |       | 9.1    |           | .5  |
| 23 | Carbon tetrachloride           |       | 11     |           | .5  |
| 24 | Benzene                        |       | 8.9    |           | .5  |
| 25 | Trichloroethene                |       | 9.2    |           | .5  |
| 26 | 1,2-dichloropropane            |       | 9.3    |           | .5  |
| 27 | Dibromomethane                 |       | 8.8    |           | .5  |
| 28 | Bromodichloromethane           |       | 11     |           | .5  |
| 29 | Methyl iso-butyl ketone        |       | 8.1    |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |       | 9.3    |           | .5  |
| 31 | Toluene                        |       | 9.1    |           | .5  |
| 32 | trans-1,3-dichloropropene      |       | 10     |           | .5  |
| 33 | 1,1,2-trichloroethane          |       | 9.8    |           | .5  |
| 34 | Tetrachloroethene              |       | 8.8    |           | .5  |
| 35 | 1,3-dichloropropane            |       | 9.8    |           | .5  |
| 36 | Dibromochloromethane           |       | 10     |           | 2.0 |
| 37 | Chlorobenzene                  |       | 9.0    |           | .5  |
| 38 | 1,1,1,2-tetrachloroethane      |       | 9.9    |           | .5  |
| 39 | Ethylbenzene                   |       | 9.6    |           | .5  |
| 40 | P & M-xylene                   |       | 18     |           | .5  |
| 41 | O-xylene                       |       | 10     |           | .5  |
| 42 | Styrene                        |       | 9.6    |           | .5  |
| 43 | 1,1,2,2-tetrachloroethane      |       | 11     |           | .5  |
| 44 | Bromoform                      |       | 8.3    |           | 2.0 |
| 45 | Isopropylbenzene               |       | 7.1    |           | .5  |
| 46 | 1,2,3-trichloropropane         |       | 7.6    |           | .5  |
| 47 | N-propylbenzene                |       | 7.5    |           | .5  |
| 48 | Bromobenzene                   |       | 7.6    |           | .5  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/24/2001 Time: 11:01:35

Sample: AD30470  
Analysis: \$C2524 Volatile Organic Compounds-Cal 2  
Units: ug  
Started: 12/21/01 00:09 Ended: 12/21/01 00:09 Analyst: BH  
Result source: c:\hpchem\1\data\01dec21\1221c10.d\1221c10.rr  
Page: 2

|    | Component Name         | Viol | Result | Qualifier | MDL |
|----|------------------------|------|--------|-----------|-----|
| 49 | 1,3,5-trimethylbenzene |      | 7.4    |           | .5  |
| 50 | 2-chlorotoluene        |      | 7.8    |           | .5  |
| 51 | 4-chlorotoluene        |      | 8.1    |           | .5  |
| 52 | TERT-butylbenzene      |      | 7.7    |           | .5  |
| 53 | 1,2,4-trimethylbenzene |      | 7.7    |           | .5  |
| 54 | SEC-butylbenzene       |      | 7.9    |           | .5  |
| 55 | P-isopropyltoluene     |      | 8.1    |           | .5  |
| 56 | 1,3-dichlorobenzene    |      | 8.4    |           | .5  |
| 57 | 1,4-dichlorobenzene    |      | 8.5    |           | .5  |
| 58 | N-butylbenzene         |      | 9.0    |           | .5  |
| 59 | 1,2-dichlorobenzene    |      | 8.9    |           | .5  |
| 60 | 1,2,4-trichlorobenzene |      | 9.4    |           | .5  |
| 61 | Hexachlobutadiene      |      | 9.1    |           | .5  |
| 62 | Naphthalene            |      | 9.6    |           | .5  |
| 63 | 1,2,3-trichlorobenzene |      | 9.5    |           | .5  |

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec21\1221C10.D  
 Acq On : 21 Dec 2001 9:56 am  
 Sample : cal 10  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 21 10:34 2001

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

Quant Results File: HP121001.RES

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

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-DIFLUOROBENZENE     | 14.42 | 114  | 637754   | 5.00 | ug/L  | 0.07     |
| 22) CHLOROBENZENE-D5       | 21.01 | 117  | 626157   | 5.00 | ug/L  | 0.05     |
| 50) 1,4-DICHLOROBENZENE-D4 | 26.18 | 152  | 471895   | 5.00 | ug/L  | 0.07     |

## System Monitoring Compounds

|                          |       |     |          |      |         |      |
|--------------------------|-------|-----|----------|------|---------|------|
| 2) 1,2-DICHLOROETHANE-D4 | 13.64 | 65  | 250060   | 5.95 | ug/L    | 0.05 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 119.00% |      |
| 3) 4-BROMOFLUOROBENZENE  | 23.59 | 174 | 279218   | 5.71 | ug/L    | 0.05 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 114.20% |      |
| 23) TOLUENE-D8           | 17.73 | 98  | 814703   | 4.91 | ug/L    | 0.05 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 98.20%  |      |

## Target Compounds

|                               |       |     |        |            | Qvalue |
|-------------------------------|-------|-----|--------|------------|--------|
| 4) DICHLORODIFLUOROMETHANE    | 4.48  | 85  | 189882 | 9.12 ug/L  | 94     |
| 5) CHLOROMETHANE              | 5.00  | 50  | 180931 | 13.98 ug/L | 95     |
| 6) VINYL CHLORIDE             | 5.16  | 62  | 209082 | 16.25 ug/L | 95     |
| 7) BROMOMETHANE               | 6.06  | 94  | 149997 | 13.33 ug/L | 98     |
| 8) CHLOROETHANE               | 6.20  | 64  | 123589 | 14.01 ug/L | 97     |
| 9) TRICHLOROFLUOROMETHANE     | 6.73  | 101 | 359773 | 12.88 ug/L | 100    |
| 10) ACETONE                   | 7.67  | 43  | 43881  | 10.26 ug/L | 96     |
| 11) 1,1-DICHLOROETHENE        | 8.01  | 61  | 303012 | 8.36 ug/L  | 96     |
| 12) METHYLENE CHLORIDE        | 8.99  | 49  | 354383 | 10.09 ug/L | 95     |
| 13) METHYL TERT BUTYL ETHER   | 9.28  | 73  | 386323 | 8.33 ug/L  | 100    |
| 14) TRANS-1,2-DICHLOROETHENE  | 9.63  | 61  | 343321 | 8.73 ug/L  | 91     |
| 15) 1,1-DICHLOROETHANE        | 10.52 | 63  | 457911 | 9.34 ug/L  | 97     |
| 16) 2-BUTANONE (MEK)          | 11.34 | 43  | 72924  | 9.65 ug/L  | 96     |
| 17) 2,2-DICHLOROPROPANE       | 11.71 | 77  | 390737 | 9.67 ug/L  | 98     |
| 18) CIS-1,2-DICHLOROETHENE    | 11.80 | 96  | 240327 | 8.75 ug/L  | 93     |
| 19) CHLOROFORM                | 12.14 | 83  | 488419 | 10.44 ug/L | 98     |
| 20) BROMOCHLOROMETHANE        | 12.51 | 49  | 221703 | 9.99 ug/L  | 90     |
| 21) 1,2-DICHLOROETHANE        | 13.84 | 62  | 326175 | 10.36 ug/L | 99     |
| 24) 1,1,1-TRICHLOROETHANE     | 13.01 | 97  | 386664 | 10.05 ug/L | 99     |
| 25) 1,1-DICHLOROPROPENE       | 13.35 | 75  | 346133 | 9.12 ug/L  | 97     |
| 26) CARBON TETRACHLORIDE      | 13.59 | 117 | 346341 | 10.59 ug/L | 100    |
| 27) BENZENE                   | 13.94 | 78  | 982178 | 8.90 ug/L  | 99     |
| 28) TRICHLOROETHENE           | 15.20 | 95  | 272078 | 9.21 ug/L  | 99     |
| 29) 1,2-DICHLOROPROPANE       | 15.55 | 63  | 284624 | 9.26 ug/L  | 99     |
| 30) DIBROMOMETHANE            | 16.21 | 174 | 96539  | 8.83 ug/L  | 99     |
| 31) BROMODICHLOROMETHANE      | 16.06 | 83  | 371818 | 10.50 ug/L | 96     |
| 32) 2-CHLOROETHYL VINYL ETHER | 16.57 | 63  | 93884  | 8.23 ug/L  | 98     |
| 33) Methyl iso-butyl ketone   | 16.64 | 58  | 47790  | 8.14 ug/L  | 99     |

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

1221C10.D HP121001.M Fri Dec 21 10:35:05 2001

Page 1

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec21\1221C10.D  
 Acq On : 21 Dec 2001 9:56 am  
 Sample : cal 10  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 21 10:34 2001

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

Quant Results File: HP121001.RES

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

| Compound                       | R.T.  | QIon | Response | Conc   | Unit | Qvalue |
|--------------------------------|-------|------|----------|--------|------|--------|
| 34) CIS-1,3-DICHLOROPROPENE    | 17.15 | 75   | 414478   | 9.35   | ug/L | 99     |
| 35) TOLUENE                    | 17.91 | 91   | 1127405  | 9.05   | ug/L | 100    |
| 36) TRANS-1,3-DICHLOROPROPENE  | 18.19 | 75   | 343824   | 9.99   | ug/L | 99     |
| 37) 1,1,2-TRICHLOROETHANE      | 18.56 | 97   | 166594   | 9.77   | ug/L | 96     |
| 38) TETRACHLOROETHENE          | 19.34 | 166  | 258525   | 8.81   | ug/L | 98     |
| 39) 1,3-DICHLOROPROPANE        | 19.09 | 76   | 323437   | 9.82   | ug/L | 98     |
| 40) DIBROMOCHLOROMETHANE       | 19.77 | 129  | 207728   | 10.02  | ug/L | 96     |
| 41) 1,2-DIBROMOETHANE          | 20.21 | 107  | 147023   | 9.06   | ug/L | 100    |
| 42) CHLOROBENZENE              | 21.10 | 112  | 747935   | 9.03   | ug/L | 99     |
| 43) 1,1,1,2-TETRACHLOROETHANE  | 21.13 | 131  | 267868   | 9.92   | ug/L | 97     |
| 44) 2-HEXANONE                 | 18.48 | 43   | 98772    | 10.07  | ug/L | 99     |
| 45) ETHYLBENZENE               | 21.15 | 91   | 1464620  | 9.55   | ug/L | 98     |
| 46) P & M-XYLENE               | 21.30 | 106  | 1051306  | 18.25  | ug/L | 97     |
| 47) O-XYLENE                   | 22.28 | 91   | 1228722  | 10.05  | ug/L | 98     |
| 48) STYRENE                    | 22.33 | 104  | 916342   | 9.64   | ug/L | 99     |
| 49) 1,1,2,2-TETRACHLOROETHANE  | 23.35 | 83   | 205109   | 11.24  | ug/L | 96     |
| 51) BROMOFORM                  | 23.16 | 173  | 119100   | 8.35   | ug/L | 98     |
| 52) ISOPROPYLBENZENE           | 22.99 | 105  | 1458829  | 7.08   | ug/L | 99     |
| 53) 1,2,3-TRICHLOROPROPANE     | 23.67 | 110  | 56930    | 7.58   | ug/L | 96     |
| 54) N-PROPYLBENZENE            | 23.86 | 91   | 2011261  | 7.53   | ug/L | 99     |
| 55) BROMOBENZENE               | 24.08 | 156  | 333744   | 7.60   | ug/L | 99     |
| 56) 1,3,5-TRIMETHYLBENZENE     | 24.18 | 105  | 1317624  | 7.40   | ug/L | 98     |
| 57) 2-CHLOROTOLUENE            | 24.34 | 91   | 1319475  | 7.79   | ug/L | 96     |
| 58) 4-CHLOROTOLUENE            | 24.40 | 91   | 1234181  | 8.13   | ug/L | 99     |
| 59) TERT-BUTYLBENZENE          | 24.97 | 134  | 294200   | 7.74   | ug/L | 96     |
| 60) 1,2,4-TRIMETHYLBENZENE     | 25.05 | 105  | 1427809  | 7.73   | ug/L | 99     |
| 61) SEC-BUTYLBENZENE           | 25.43 | 105  | 1952272  | 7.88   | ug/L | 97     |
| 62) P-ISOPROPYLTOLUENE         | 25.68 | 119  | 1615234  | 8.11   | ug/L | 98     |
| 63) 1,3-DICHLOROBENZENE        | 26.02 | 146  | 801149   | 8.44   | ug/L | 99     |
| 64) 1,4-DICHLOROBENZENE        | 26.24 | 146  | 808339   | 8.52   | ug/L | 98     |
| 65) N-BUTYLBENZENE             | 26.57 | 91   | 1714032  | 9.00   | ug/L | 98     |
| 66) 1,2-DICHLOROBENZENE        | 27.08 | 146  | 697900   | 8.91   | ug/L | 99     |
| 67) 1,2-DIBROMO-3-CHLOROPROPAN | 28.73 | 157  | 37143    | 9.28   | ug/L | 90     |
| 68) NITROBENZENE               | 28.92 | 77   | 312690   | 189.48 | ug/L | 95     |
| 69) 1,2,4-TRICHLOROBENZENE     | 30.66 | 180  | 410023   | 9.44   | ug/L | 99     |
| 70) HEXACHLOROBUTADIENE        | 30.91 | 225  | 240812   | 9.13   | ug/L | 99     |
| 71) NAPHTHALENE                | 31.34 | 128  | 459995   | 9.61   | ug/L | 98     |
| 72) 1,2,3-TRICHLOROBENZENE     | 31.88 | 180  | 301904   | 9.47   | ug/L | 96     |

(#) = qualifier out of range (m) = manual integration  
 1221C10.D HP121001.M Fri Dec 21 10:35:09 2001

Page 2

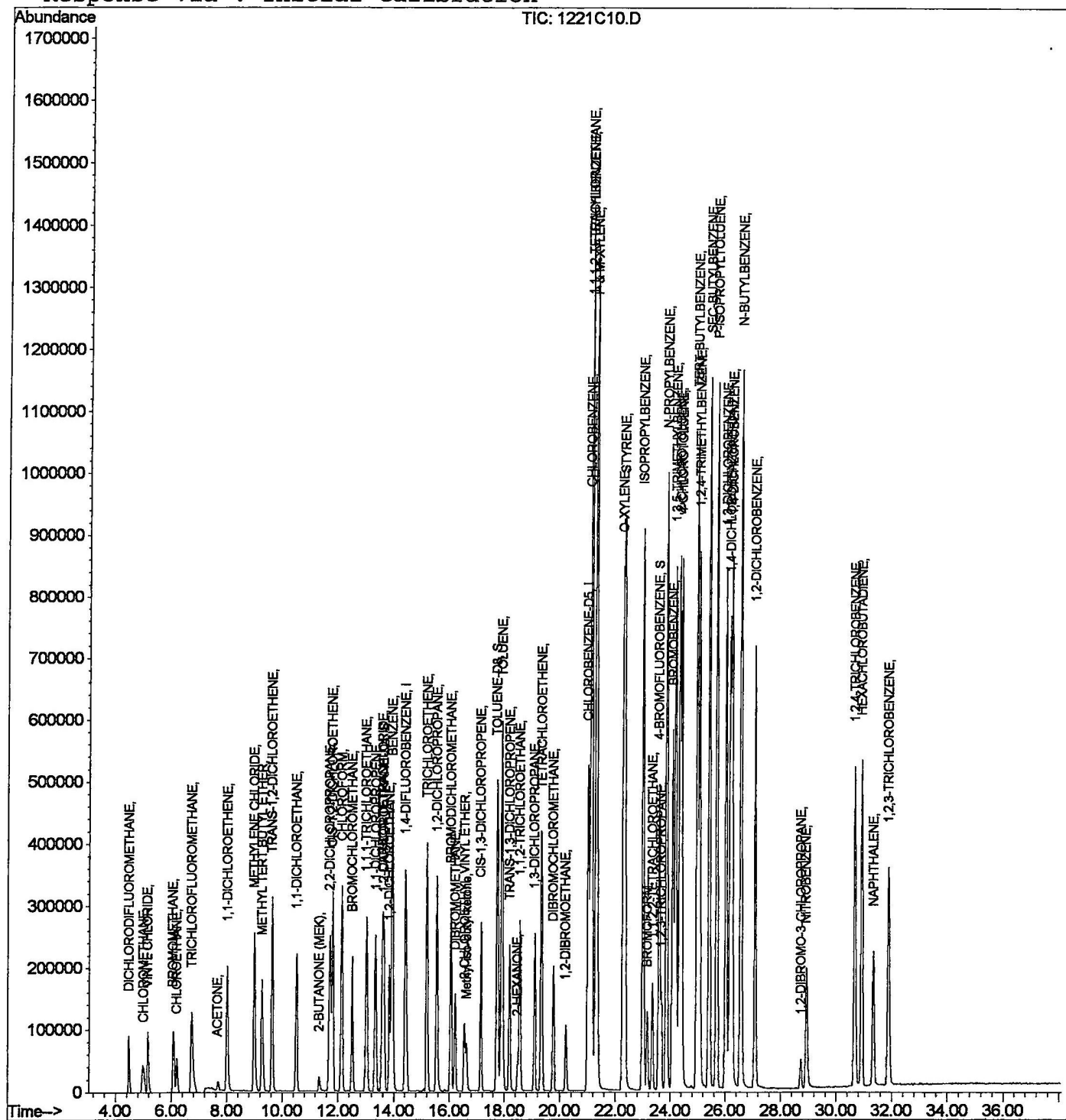
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec21\1221C10.D  
Acq On : 21 Dec 2001 9:56 am  
Sample : cal 10  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 21 10:34 2001

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

Quant Results File: HP121001.RES

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





User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/24/2001 Time: 11:12:04

Sample: AD30470  
 Analysis: \$D\_524 Volatile Organic Compounds-Duplicate  
 Units: ug  
 Started: 12/20/01 00:04 Ended: 12/20/01 00:04 Analyst: BH  
 Result source: c:\hpcchem\1\data\01dec20\30470.d\30470.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.4    |           | .5  |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 3.9    |           | .5  |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | .5  |
| 4  | Chloromethane                  |      | < MDL  |           | .5  |
| 5  | Vinyl chloride                 |      | < MDL  |           | .5  |
| 6  | Bromomethane                   |      | < MDL  |           | .5  |
| 7  | Chloroethane                   |      | < MDL  |           | .5  |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | .5  |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | .5  |
| 10 | Methylene Chloride             |      | < MDL  |           | .5  |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | .5  |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | .5  |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | .5  |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | .5  |
| 17 | *THM-Chloroform                |      | < MDL  |           | .5  |
| 18 | Bromochloromethane             |      | < MDL  |           | .5  |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | .5  |
| 20 | Surr - TOLUENE-D8              |      | 5.1    |           | .5  |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | .5  |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | .5  |
| 23 | Carbon tetrachloride           |      | < MDL  |           | .5  |
| 24 | Benzene                        |      | < MDL  |           | .5  |
| 25 | Trichloroethene                |      | < MDL  |           | .5  |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | .5  |
| 27 | Dibromomethane                 |      | < MDL  |           | .5  |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | .5  |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | .5  |
| 31 | Toluene                        |      | < MDL  |           | .5  |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | .5  |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | .5  |
| 34 | Tetrachloroethene              |      | < MDL  |           | .5  |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | .5  |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | .5  |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | .5  |
| 39 | Ethylbenzene                   |      | < MDL  |           | .5  |
| 40 | P & M-xylene                   |      | < MDL  |           | .5  |
| 41 | O-xylene                       |      | < MDL  |           | .5  |
| 42 | Styrene                        |      | < MDL  |           | .5  |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | .5  |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | .5  |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | .5  |
| 47 | N-propylbenzene                |      | < MDL  |           | .5  |
| 48 | Bromobenzene                   |      | < MDL  |           | .5  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/24/2001 Time: 11:12:04

Sample: AD30470

Analysis: \$D\_524 Volatile Organic Compounds-Duplicate

Units: ug

Started: 12/20/01 00:04 Ended: 12/20/01 00:04 Analyst: BH

Result source: c:\hpcchem\1\data\01dec20\30470.d\30470.rr

Page: 2

|    | Component Name         | Viol | Result | Qualifier | MDL |
|----|------------------------|------|--------|-----------|-----|
| 49 | 1,3,5-trimethylbenzene |      | < MDL  |           | .5  |
| 50 | 2-chlorotoluene        |      | < MDL  |           | .5  |
| 61 | 4-chlorotoluene        |      | < MDL  |           | .5  |
| 62 | TERT-butylbenzene      |      | < MDL  |           | .5  |
| 53 | 1,2,4-trimethylbenzene |      | < MDL  |           | .5  |
| 54 | SEC-butylbenzene       |      | < MDL  |           | .5  |
| 65 | P-isopropyltoluene     |      | < MDL  |           | .5  |
| 56 | 1,3-dichlorobenzene    |      | < MDL  |           | .5  |
| 57 | 1,4-dichlorobenzene    |      | < MDL  |           | .5  |
| 58 | N-butylbenzene         |      | < MDL  |           | .5  |
| 59 | 1,2-dichlorobenzene    |      | < MDL  |           | .5  |
| 60 | 1,2,4-trichlorobenzene |      | < MDL  |           | .5  |
| 61 | Hexachlorobutadiene    |      | < MDL  |           | .5  |
| 62 | Naphthalene            |      | < MDL  |           | .5  |
| 63 | 1,2,3-trichlorobenzene |      | < MDL  |           | .5  |

User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/24/2001 Time: 11:13:15

Sample: AD30470  
 Analysis: \$P\_524 Duplicate calculation for 524  
 Units: ug  
 Started: 12/20/01 00:04 Ended: 12/20/01 00:04 Analyst: BH  
 Result source: calculation  
 Page: 1

|    | Component Name             | Viol | Result |
|----|----------------------------|------|--------|
| 1  | Surr - 1,2-DICHLOROETHANE- |      | 0.0    |
| 2  | Surr - 4-BROMOFLUOROBENZ   |      | 0.0    |
| 3  | DICHLORODIFLUOROMETHAN     |      | < MDL  |
| 4  | CHLOROMETHANE              |      | < MDL  |
| 5  | VINYL CHLORIDE             |      | < MDL  |
| 6  | BROMOMETHANE               |      | < MDL  |
| 7  | CHLOROETHANE               |      | < MDL  |
| 8  | TRICHLOROFLUOROMETHAN      |      | < MDL  |
| 9  | 1,1-DICHLOROETHENE         |      | < MDL  |
| 10 | METHYLENE CHLORIDE         |      | < MDL  |
| 11 | METHYL TERT-BUTYL ETHER    |      | < MDL  |
| 12 | TRANS-1,2-DICHLOROETHEN    |      | < MDL  |
| 13 | 1,1-DICHLOROETHANE         |      | < MDL  |
| 14 | 2-BUTANONE (MEK)           |      | < MDL  |
| 15 | 2,2-DICHLOROPROPANE        |      | < MDL  |
| 16 | CIS-1,2-DICHLOROETHENE     |      | < MDL  |
| 17 | *THM-CHLOROFORM            |      | < MDL  |
| 18 | BROMOCHLOROMETHANE         |      | < MDL  |
| 19 | 1,2-DICHLOROETHANE         |      | < MDL  |
| 20 | Surr - TOLUENE-D8          |      | 0.0    |
| 21 | 1,1,1- TRICHLOROETHANE     |      | < MDL  |
| 22 | 1,1-DICHLOROPROPENE        |      | < MDL  |
| 23 | CARBON TETRACHLORIDE       |      | < MDL  |
| 24 | BENZENE                    |      | < MDL  |
| 25 | TRICHLOROETHENE            |      | < MDL  |
| 26 | 1,2-DICHLOROPROPANE        |      | < MDL  |
| 27 | DIBROMOMETHANE             |      | < MDL  |
| 28 | *THM-BROMODICHLOROMET      |      | < MDL  |
| 29 | METHYL ISO-BUTYL KETONE    |      | < MDL  |
| 30 | CIS-1,3-DICHLOROPROPENE    |      | < MDL  |
| 31 | TOLUENE                    |      | < MDL  |
| 32 | TRANS-1,3-DICHLOROPROPE    |      | < MDL  |
| 33 | 1,1,2-TRICHLOROETHANE      |      | < MDL  |
| 34 | TETRACHLOROETHENE          |      | < MDL  |
| 35 | 1,3-DICHLOROPROPANE        |      | < MDL  |
| 36 | *THM-DIBROMOCHLOROMET      |      | < MDL  |
| 37 | 1,2-DIBROMOETHANE          |      | < MDL  |
| 38 | CHLOROBENZENE              |      | < MDL  |
| 39 | 1,1,1,2-TETRACHLOROETHA    |      | < MDL  |
| 40 | 2-HEXANONE                 |      | < MDL  |
| 41 | ETHYLBENZENE               |      | < MDL  |
| 42 | P & M-XYLENE               |      | < MDL  |
| 43 | O-XYLENE                   |      | < MDL  |
| 44 | STYRENE                    |      | < MDL  |
| 45 | 1,1,2,2-TETRACHLOROETHA    |      | < MDL  |
| 46 | *THM-BROMOFORM             |      | < MDL  |
| 47 | ISOPROPYLBENZENE           |      | < MDL  |
| 48 | 1,2,3-TRICHLOROPROPANE     |      | < MDL  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/24/2001 Time: 11:13:15

Sample: AD30470

Analysis: \$P\_524 Duplicate calculation for 524

Units: ug

Started: 12/20/01 00:04 Ended: 12/20/01 00:04 Analyst: BH

Result source: calculation

Page: 2

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

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC21\30470D.D  
 Acq On : 21 Dec 2001 3:42 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 10:05 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      | 14.42 | 114  | 708168   | 5.00 | ug/L    | 0.07      |
| 22) CHLOROBENZENE-D5        | 21.00 | 117  | 672286   | 5.00 | ug/L    | 0.03      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.16 | 152  | 312078   | 5.00 | ug/L    | 0.05      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.64 | 65   | 257336   | 5.52 | ug/L    | 0.05      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 110.40% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.59 | 174  | 220566   | 4.06 | ug/L    | 0.05      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 81.20%  |           |
| 23) TOLUENE-D8              | 17.73 | 98   | 900235   | 5.05 | ug/L    | 0.05      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 101.00% |           |
| Target Compounds            |       |      |          |      |         |           |
| 10) ACETONE                 | 7.65  | 43   | 16904    | 3.56 | ug/L    | Qvalue 90 |
| 16) 2-BUTANONE (MEK)        | 11.37 | 43   | 1636     | 0.19 | ug/L    | 64        |
| 70) HEXACHLOROBUTADIENE     | 30.91 | 225  | 3762     | 0.22 | ug/L    | 93        |
| 72) 1,2,3-TRICHLOROBENZENE  | 31.90 | 180  | 5098     | 0.24 | ug/L    | 83        |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30470D.D HP121001.M Mon Dec 24 10:05:43 2001

Page 1

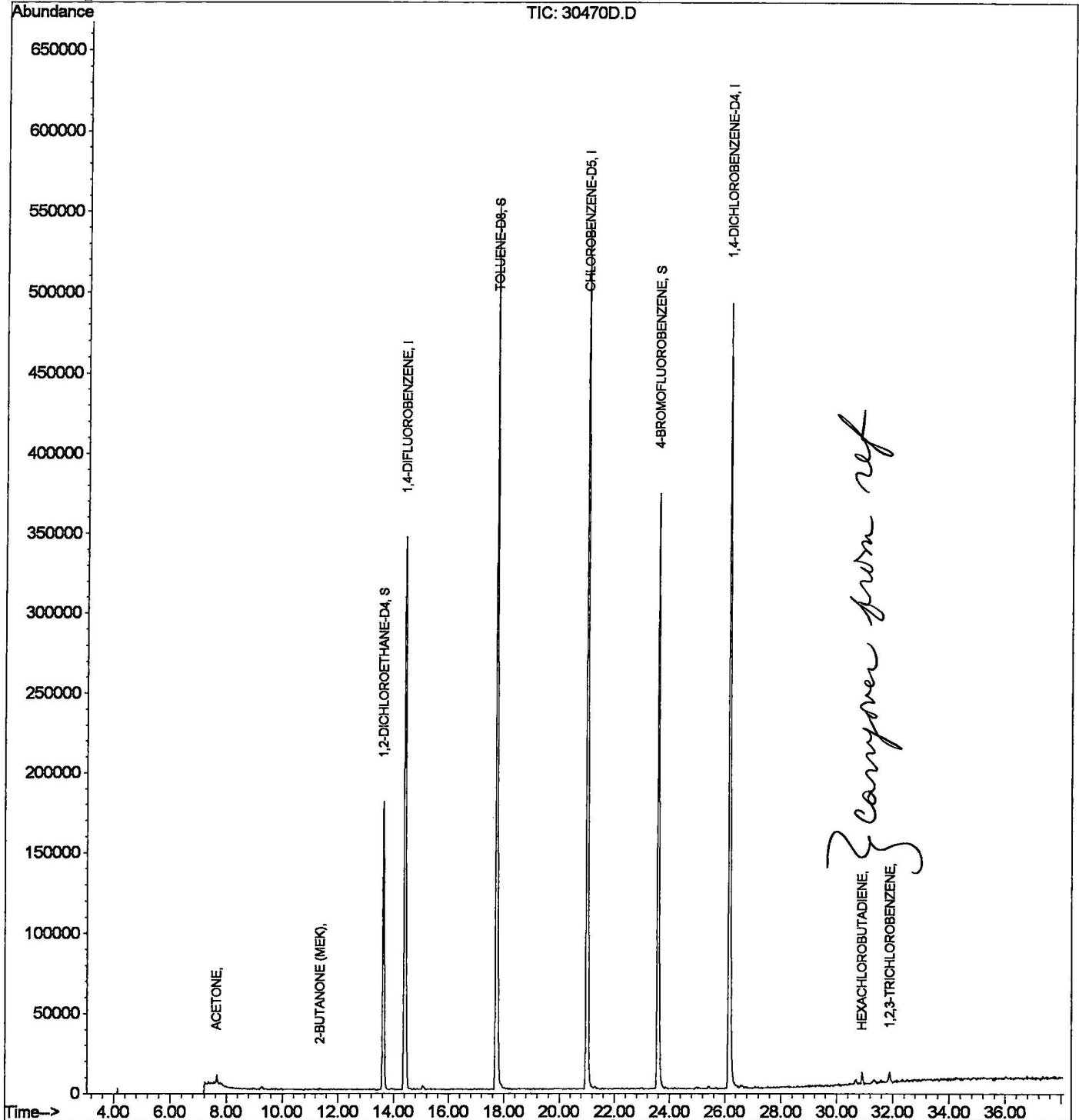
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC21\30470D.D  
 Acq On : 21 Dec 2001 3:42 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 10:05 2001

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

Quant Results File: HP121001.RES

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



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC21\30470D.D  
 Acq On : 21 Dec 2001 3:42 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

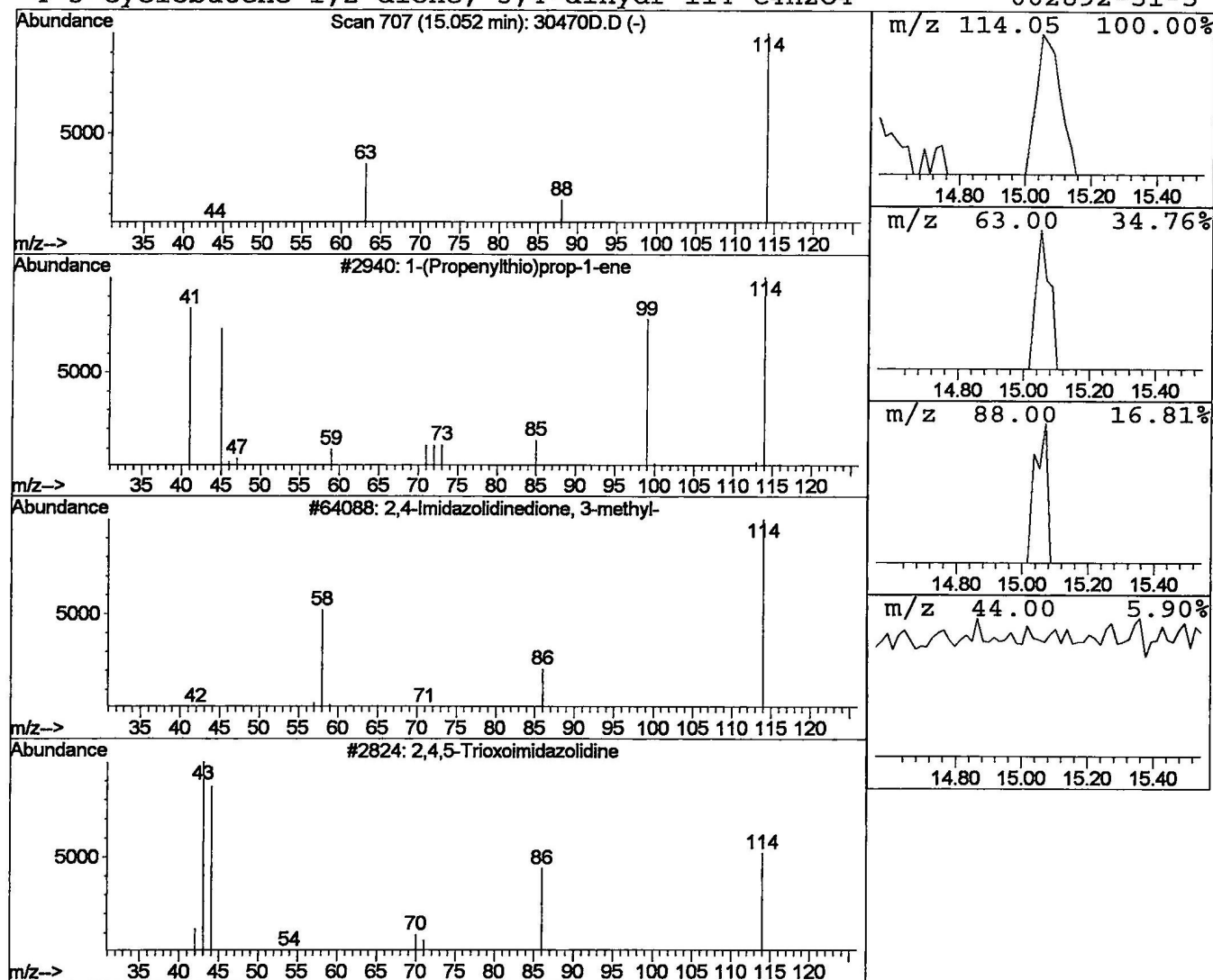
Vial: 6  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 3 1-(Propenylthio)prop-1-ene Concentration Rank 4

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.05 | 0.03 ug/L | 12066 | 1,4-DIFLUOROBENZENE | 14.42 |

| 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    |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01DEC21\30470D.D  
 Acq On : 21 Dec 2001 3:42 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

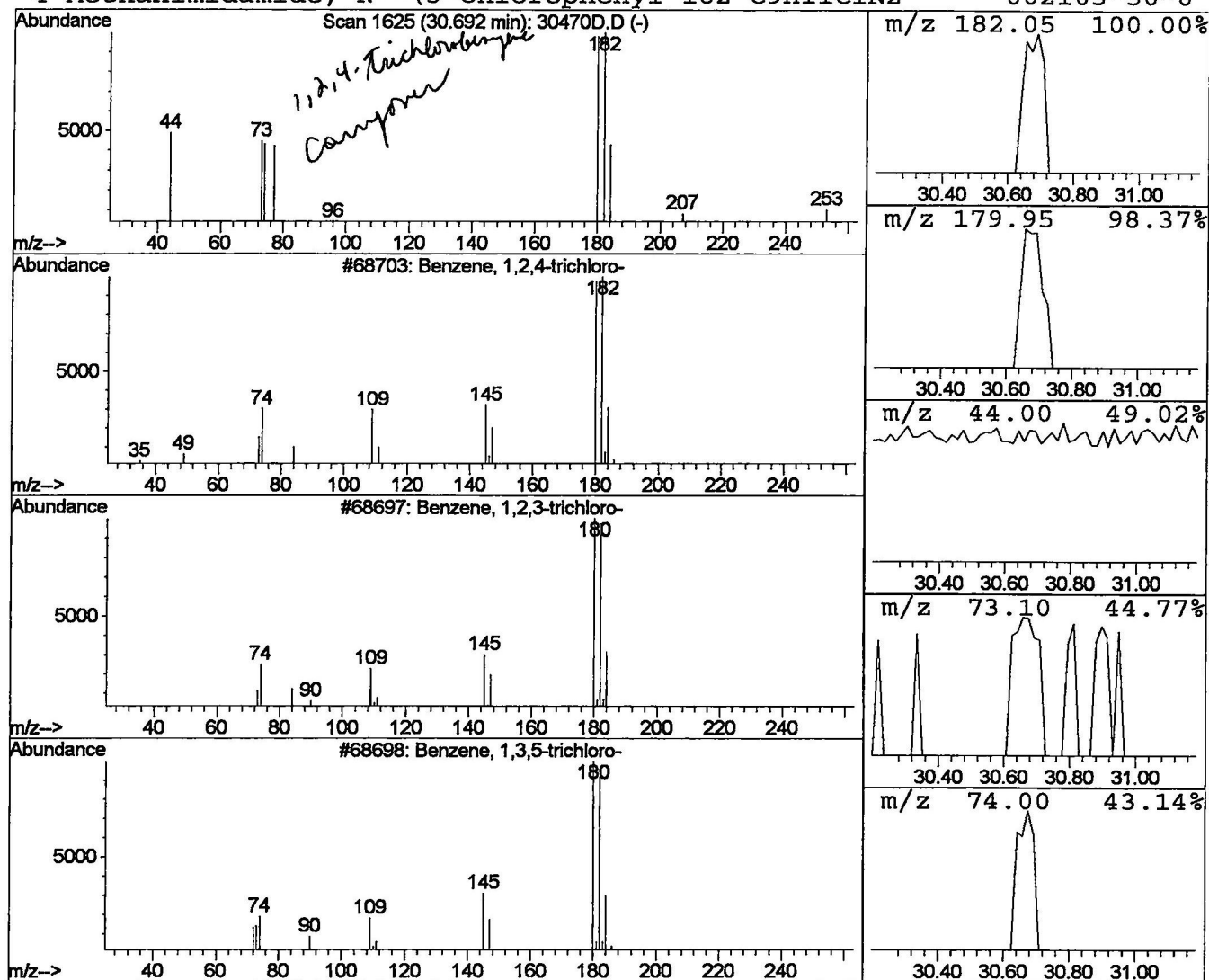
Vial: 6  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 4 Benzene, 1,2,4-trichloro- Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 30.69 | 0.03 ug/L | 13924 | 1,4-DICHLOROBENZENE-D4 | 26.16 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Benzene, 1,2,4-trichloro-           | 180 | C6H3Cl3   | 000120-82-1 | 59   |
| 2    |    |   | Benzene, 1,2,3-trichloro-           | 180 | C6H3Cl3   | 000087-61-6 | 45   |
| 3    |    |   | Benzene, 1,3,5-trichloro-           | 180 | C6H3Cl3   | 000108-70-3 | 40   |
| 4    |    |   | Methanimidamide, N'-(3-chlorophenyl | 182 | C9H11ClN2 | 002103-50-6 | 9    |





User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/26/2001 Time: 13:31:56

Sample: AD30470  
 Analysis: \$B3524 Volatile Organic Compounds-Blank  
 Units: ug  
 Started: 12/24/01 00:09 Ended: 12/24/01 00:09 Analyst: BH  
 Result source: manual entry  
 Page: 1

|    | Component Name             | Viol | Result |
|----|----------------------------|------|--------|
| 1  | Surr - 1,2-DICHLOROETHANE- |      | 4.3    |
| 2  | Surr - 4-BROMOFLUOROBENZ   |      | 4.1    |
| 3  | DICHLORODIFLUOROMETHAN     |      | < MDL  |
| 4  | CHLOROMETHANE              |      | < MDL  |
| 5  | VINYL CHLORIDE             |      | < MDL  |
| 6  | BROMOMETHANE               |      | < MDL  |
| 7  | CHLOROETHANE               |      | < MDL  |
| 8  | TRICHLOROFLUOROMETHAN      |      | < MDL  |
| 9  | ACETONE                    |      | 1.6    |
| 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)           |      | 0.15   |
| 16 | 2,2-DICHLOROPROPANE        |      | < MDL  |
| 17 | CIS,1,2-DICHLOROETHENE     |      | < MDL  |
| 18 | CHLOROFORM                 |      | < MDL  |
| 19 | BROMOCHLOROMETHANE         |      | < MDL  |
| 20 | 1,2-DICHLOROETHANE         |      | < MDL  |
| 21 | Surr - TOLUENE-D8          |      | 5.0    |
| 22 | 1,1,1-TRICHLOROETHANE      |      | < MDL  |
| 23 | 1,1-DICHLOROPROPENE        |      | < MDL  |
| 24 | CARBON TETRACHLORIDE       |      | < MDL  |
| 25 | BENZENE                    |      | < MDL  |
| 26 | TRICHLOROETHENE            |      | < MDL  |
| 27 | 1,2-DICHLOROPROPANE        |      | < MDL  |
| 28 | DIBROMOMETHANE             |      | < MDL  |
| 29 | BROMODICHLOROMETHANE       |      | < MDL  |
| 30 | 2-CHLOROETHYL VINYL ETHE   |      | < MDL  |
| 31 | MIBK                       |      | < MDL  |
| 32 | CIS-1,3-DICHLOROPROPENE    |      | < MDL  |
| 33 | TOLUENE                    |      | < MDL  |
| 34 | TRANS-1,3-DICHLOROPROPE    |      | < MDL  |
| 35 | 1,1,2-TRICHLOROETHANE      |      | < MDL  |
| 36 | TETRACHLOROETHENE          |      | < MDL  |
| 37 | 1,3-DICHLOROPROPANE        |      | < MDL  |
| 38 | DIBROMOCHLOROMETHANE       |      | < MDL  |
| 39 | 1,2-DIBROMOETHANE          |      | < MDL  |
| 40 | CHLOROBENZENE              |      | < MDL  |
| 41 | 1,1,1,2-TETRACHLOROETHA    |      | < MDL  |
| 42 | 2-HEXANONE                 |      | < MDL  |
| 43 | ETHYLBENZENE               |      | < MDL  |
| 44 | P & M-XYLENE               |      | < MDL  |
| 45 | O-XYLENE                   |      | < MDL  |
| 46 | STYRENE                    |      | < MDL  |
| 47 | 1,1,2,2-TETRACHLOROETHA    |      | < MDL  |
| 48 | BROMOFORM                  |      | < MDL  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:31:56

Sample: AD30470  
Analysis: \$B3524 Volatile Organic Compounds-Blank  
Units: ug  
Started: 12/24/01 00:09 Ended: 12/24/01 00:09 Analyst: BH  
Result source: manual entry  
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\01dec24\1224BL1.D  
 Acq On : 24 Dec 2001 9:36 am  
 Sample : 1b  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 10:15 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      | 14.42 | 114  | 1313584  | 5.00 | ug/L    | 0.07      |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 1175504  | 5.00 | ug/L    | 0.07      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 556534   | 5.00 | ug/L    | 0.09      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.65 | 65   | 374424   | 4.33 | ug/L    | 0.07      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 86.60%  |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.60 | 174  | 416721   | 4.13 | ug/L    | 0.07      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 82.60%  |           |
| 23) TOLUENE-D8              | 17.74 | 98   | 1568399  | 5.03 | ug/L    | 0.07      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 100.60% |           |
| Target Compounds            |       |      |          |      |         |           |
| 10) ACETONE                 | 7.67  | 43   | 14222    | 1.61 | ug/L    | Qvalue 92 |
| 16) 2-BUTANONE (MEK)        | 11.37 | 43   | 2390     | 0.15 | ug/L    | 64        |

-----  
 (#) = qualifier out of range (m) = manual integration  
 1224BL1.D HP121001.M Mon Dec 24 10:16:02 2001

Page 1

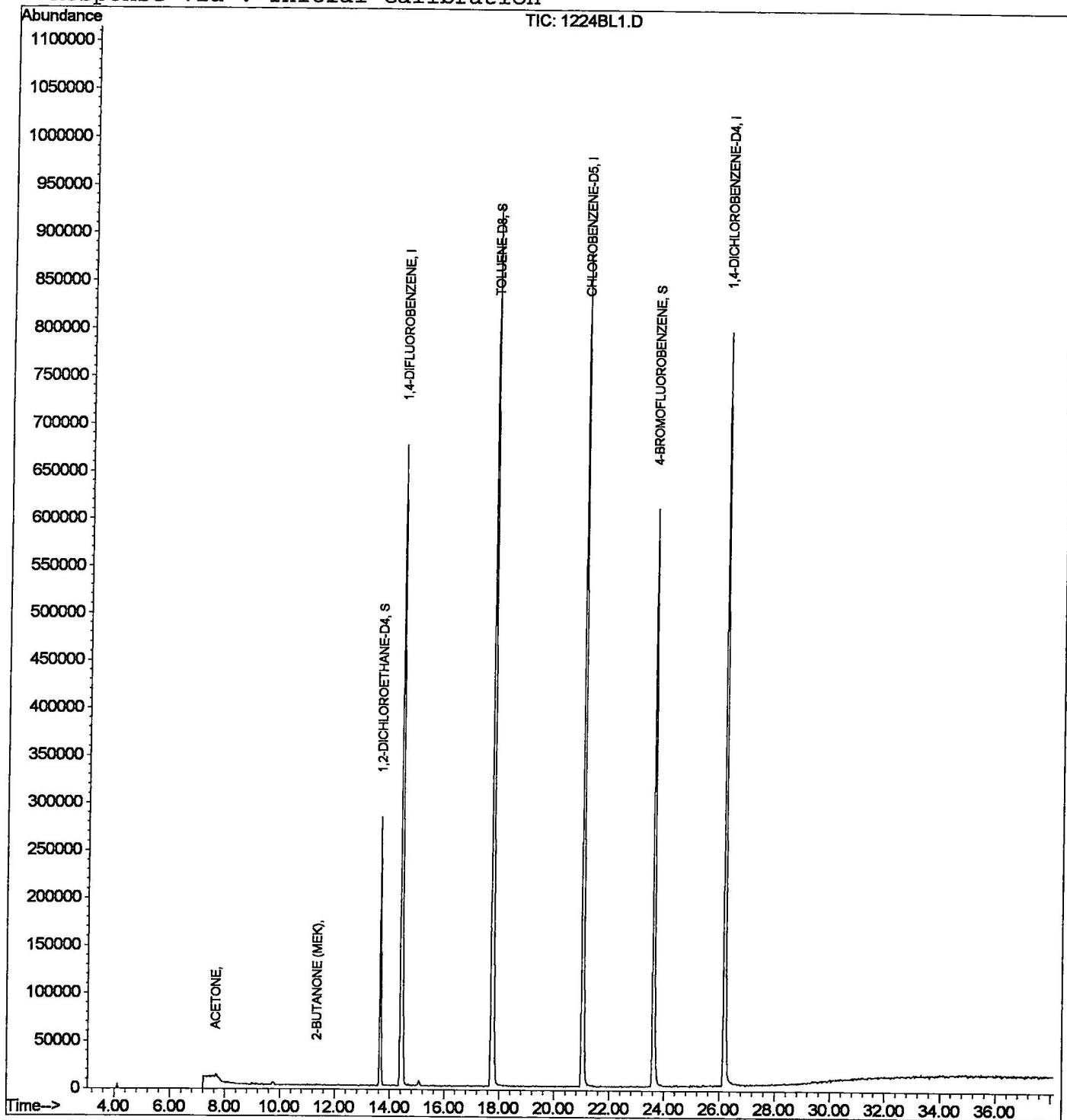
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\1224BL1.D  
Acq On : 24 Dec 2001 9:36 am  
Sample : 1b  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 24 10:15 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



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/28/2001 Time: 12:15:48

Sample: AD30470

Analysis: \$C4524 Volatile Organic Compounds-Cal 1

Units: ug

Started: 12/24/01 00:01 Ended: 12/24/01 00:01 Analyst: BH

Result source: c:\hpcchem\1\data\01dec24\1224c10a.d\1224c10a.rr

Page: 1

|    | Component Name            | Vol | Result | Qualifier | MDL |
|----|---------------------------|-----|--------|-----------|-----|
| 1  | Surr_1,2-DICHLOROETHANE-  |     | 5.3    |           | .5  |
| 2  | Surr_4-BROMOFLUOROBENZE   |     | 5.3    |           | .5  |
| 3  | 1,1,1-trichloroethane     |     | 11     |           | .5  |
| 4  | 1,1,2-trichloroethane     |     | 11     |           | .5  |
| 5  | 1,2-dichloroethane        |     | 10     |           | .5  |
| 6  | 1,1-dichloroethane        |     | 10     |           | .5  |
| 7  | 1,1,1,2-tetrachloroethane |     | 11     |           | .5  |
| 8  | Trichlorofluoromethane    |     | 13     |           | .5  |
| 9  | 1,1-Dichloroethene        |     | 11     |           | .5  |
| 10 | Methylene Chloride        |     | 10     |           | .5  |
| 11 | Methyl tert-butyl ether   |     | 8.9    |           | 1.0 |
| 12 | trans-1,2-dichloroethene  |     | 10     |           | .5  |
| 13 | 1,1-dichloroethane        |     | 10     |           | .5  |
| 14 | 2-butanone (MEK)          |     | 8.9    |           | 2.0 |
| 15 | 2,2-dichloropropane       |     | 11     |           | .5  |
| 16 | cis-1,2-dichloroethene    |     | 9.7    |           | .5  |
| 17 | Chloroform                |     | 11     |           | .5  |
| 18 | Bromochloromethane        |     | 10     |           | .5  |
| 19 | 1,2-dichloroethane        |     | 10     |           | .5  |
| 20 | Surr_TOLUENE-D8           |     | 4.9    |           | .5  |
| 21 | 1,1,1-trichloroethane     |     | 11     |           | .5  |
| 22 | 1,1-dichloropropene       |     | 10     |           | .5  |
| 23 | Carbon tetrachloride      |     | 11     |           | .5  |
| 24 | Benzene                   |     | 9.5    |           | .5  |
| 25 | Trichloroethene           |     | 9.9    |           | .5  |
| 26 | 1,2-dichloropropane       |     | 9.3    |           | .5  |
| 27 | Dibromomethane            |     | 9.7    |           | .5  |
| 28 | Bromodichloromethane      |     | 11     |           | .5  |
| 29 | Methyl iso-butyl ketone   |     | 8.3    |           | 1.0 |
| 30 | cis-1,3-dichloropropene   |     | 9.6    |           | .5  |
| 31 | Toluene                   |     | 9.5    |           | .5  |
| 32 | trans-1,3-dichloropropene |     | 10     |           | .5  |
| 33 | 1,1,2-trichloroethane     |     | 9.6    |           | .5  |
| 34 | Tetrachloroethene         |     | 9.9    |           | .5  |
| 35 | 1,3-dichloropropane       |     | 9.7    |           | .5  |
| 36 | Dibromochloromethane      |     | 9.9    |           | 2.0 |
| 37 | Chlorobenzene             |     | 9.5    |           | .5  |
| 38 | 1,1,1,2-tetrachloroethane |     | 10     |           | .5  |
| 39 | Ethylbenzene              |     | 10     |           | .5  |
| 40 | P & M-xylene              |     | 19     |           | .5  |
| 41 | O-xylene                  |     | 10     |           | .5  |
| 42 | Styrene                   |     | 9.8    |           | .5  |
| 43 | 1,1,2,2-tetrachloroethane |     | 11     |           | .5  |
| 44 | Bromoform                 |     | 9.0    |           | 2.0 |
| 45 | Isopropylbenzene          |     | 8.4    |           | .5  |
| 46 | 1,2,3-trichloropropane    |     | 8.1    |           | .5  |
| 47 | N-propylbenzene           |     | 8.6    |           | .5  |
| 48 | Bromobenzene              |     | 8.7    |           | .5  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/28/2001 Time: 12:15:48

Sample: AD30470  
Analysis: \$C4524 Volatile Organic Compounds-Cal 1  
Units: ug  
Started: 12/24/01 00:01 Ended: 12/24/01 00:01 Analyst: BH  
Result source: c:\hpcchem\1\data\01dec24\1224c10a.d\1224c10a.rr  
Page: 2

|    | Component Name         | Viol | Result | Qualifier | MDL |
|----|------------------------|------|--------|-----------|-----|
| 49 | 1,3,5-trimethylbenzene |      | 8.3    |           | .5  |
| 50 | 2-chlorotoluene        |      | 8.2    |           | .5  |
| 51 | 4-chlorotoluene        |      | 9.3    |           | .5  |
| 52 | TERT-butylbenzene      |      | 8.8    |           | .5  |
| 53 | 1,2,4-trimethylbenzene |      | 8.6    |           | .5  |
| 54 | SEC-butylbenzene       |      | 8.5    |           | .5  |
| 55 | P-isopropyltoluene     |      | 8.7    |           | .5  |
| 56 | 1,3-dichlorobenzene    |      | 9.1    |           | .5  |
| 57 | 1,4-dichlorobenzene    |      | 8.9    |           | .5  |
| 58 | N-butylbenzene         |      | 9.7    |           | .5  |
| 59 | 1,2-dichlorobenzene    |      | 9.2    |           | .5  |
| 60 | 1,2,4-trichlorobenzene |      | 9.4    |           | .5  |
| 61 | Hexachlobutadiene      |      | 9.0    |           | .5  |
| 62 | Naphthalene            |      | 9.4    |           | .5  |
| 63 | 1,2,3-trichlorobenzene |      | 9.5    |           | .5  |

## Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec24\1224C10A.D  
 Acq On : 24 Dec 2001 11:43 am  
 Sample : cal 10  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 12:22 2001

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

Quant Results File: HP121001.RES

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

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-DIFLUOROBENZENE     | 14.44 | 114  | 821293   | 5.00 | ug/L  | 0.09     |
| 22) CHLOROBENZENE-D5       | 21.05 | 117  | 807213   | 5.00 | ug/L  | 0.09     |
| 50) 1,4-DICHLOROBENZENE-D4 | 26.21 | 152  | 530474   | 5.00 | ug/L  | 0.10     |

## System Monitoring Compounds

|                          |       |     |          |      |         |      |
|--------------------------|-------|-----|----------|------|---------|------|
| 2) 1,2-DICHLOROETHANE-D4 | 13.67 | 65  | 285694   | 5.28 | ug/L    | 0.09 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 105.60% |      |
| 3) 4-BROMOFLUOROBENZENE  | 23.64 | 174 | 332857   | 5.28 | ug/L    | 0.10 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 105.60% |      |
| 23) TOLUENE-D8           | 17.76 | 98  | 1055264  | 4.93 | ug/L    | 0.09 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 98.60%  |      |

## Target Compounds

|                               |       |     |         |       |      | Qvalue |
|-------------------------------|-------|-----|---------|-------|------|--------|
| 4) DICHLORODIFLUOROMETHANE    | 4.48  | 85  | 397298  | 14.82 | ug/L | 99     |
| 5) CHLOROMETHANE              | 5.00  | 50  | 323682  | 19.42 | ug/L | 100    |
| 6) VINYL CHLORIDE             | 5.17  | 62  | 299229  | 18.05 | ug/L | 98     |
| 7) BROMOMETHANE               | 6.08  | 94  | 197592  | 13.63 | ug/L | 98     |
| 8) CHLOROETHANE               | 6.21  | 64  | 157322  | 13.85 | ug/L | 98     |
| 9) TRICHLOROFLUOROMETHANE     | 6.76  | 101 | 465889  | 12.95 | ug/L | 98     |
| 10) ACETONE                   | 7.69  | 43  | 50111   | 9.10  | ug/L | 95     |
| 11) 1,1-DICHLOROETHENE        | 8.03  | 61  | 504961  | 10.82 | ug/L | 93     |
| 12) METHYLENE CHLORIDE        | 9.00  | 49  | 455844  | 10.07 | ug/L | 91     |
| 13) METHYL TERT BUTYL ETHER   | 9.29  | 73  | 531551  | 8.90  | ug/L | 98     |
| 14) TRANS-1,2-DICHLOROETHENE  | 9.65  | 61  | 508985  | 10.05 | ug/L | 90     |
| 15) 1,1-DICHLOROETHANE        | 10.54 | 63  | 638959  | 10.12 | ug/L | 97     |
| 16) 2-BUTANONE (MEK)          | 11.36 | 43  | 86946   | 8.93  | ug/L | 92     |
| 17) 2,2-DICHLOROPROPANE       | 11.73 | 77  | 561361  | 10.79 | ug/L | 99     |
| 18) CIS-1,2-DICHLOROETHENE    | 11.83 | 96  | 343531  | 9.71  | ug/L | 86     |
| 19) CHLOROFORM                | 12.16 | 83  | 646752  | 10.73 | ug/L | 98     |
| 20) BROMOCHLOROMETHANE        | 12.53 | 49  | 296153  | 10.36 | ug/L | 93     |
| 21) 1,2-DICHLOROETHANE        | 13.86 | 62  | 409062  | 10.09 | ug/L | 99     |
| 24) 1,1,1-TRICHLOROETHANE     | 13.04 | 97  | 537785  | 10.85 | ug/L | 98     |
| 25) 1,1-DICHLOROPROPENE       | 13.38 | 75  | 512238  | 10.47 | ug/L | 98     |
| 26) CARBON TETRACHLORIDE      | 13.62 | 117 | 483504  | 11.47 | ug/L | 98     |
| 27) BENZENE                   | 13.98 | 78  | 1351912 | 9.51  | ug/L | 99     |
| 28) TRICHLOROETHENE           | 15.24 | 95  | 378829  | 9.94  | ug/L | 97     |
| 29) 1,2-DICHLOROPROPANE       | 15.58 | 63  | 367827  | 9.28  | ug/L | 99     |
| 30) DIBROMOMETHANE            | 16.24 | 174 | 136507  | 9.68  | ug/L | 89     |
| 31) BROMODICHLOROMETHANE      | 16.09 | 83  | 483547  | 10.59 | ug/L | 96     |
| 32) 2-CHLOROETHYL VINYL ETHER | 16.59 | 63  | 130267  | 8.85  | ug/L | 95     |
| 33) Methyl iso-butyl ketone   | 16.67 | 58  | 62985   | 8.32  | ug/L | 94     |

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

1224C10A.D HP121001.M Mon Dec 24 12:22:21 2001

Page 1

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec24\1224C10A.D  
 Acq On : 24 Dec 2001 11:43 am  
 Sample : cal 10  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 12:22 2001

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

Quant Results File: HP121001.RES

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

| Compound                       | R.T.  | QIon | Response | Conc   | Unit | Qvalue |
|--------------------------------|-------|------|----------|--------|------|--------|
| 34) CIS-1,3-DICHLOROPROPENE    | 17.18 | 75   | 549870   | 9.62   | ug/L | 98     |
| 35) TOLUENE                    | 17.95 | 91   | 1524495  | 9.50   | ug/L | 100    |
| 36) TRANS-1,3-DICHLOROPROPENE  | 18.22 | 75   | 442462   | 9.97   | ug/L | 99     |
| 37) 1,1,2-TRICHLOROETHANE      | 18.60 | 97   | 211000   | 9.60   | ug/L | 97     |
| 38) TETRACHLOROETHENE          | 19.38 | 166  | 372974   | 9.85   | ug/L | 98     |
| 39) 1,3-DICHLOROPROPANE        | 19.12 | 76   | 409990   | 9.66   | ug/L | 99     |
| 40) DIBROMOCHLOROMETHANE       | 19.81 | 129  | 264847   | 9.91   | ug/L | 98     |
| 41) 1,2-DIBROMOETHANE          | 20.25 | 107  | 195910   | 9.36   | ug/L | 95     |
| 42) CHLOROBENZENE              | 21.13 | 112  | 1015091  | 9.51   | ug/L | 98     |
| 43) 1,1,1,2-TETRACHLOROETHANE  | 21.17 | 131  | 351196   | 10.09  | ug/L | 96     |
| 44) 2-HEXANONE                 | 18.51 | 43   | 121824   | 9.64   | ug/L | 98     |
| 45) ETHYLBENZENE               | 21.19 | 91   | 1973065  | 9.98   | ug/L | 98     |
| 46) P & M-XYLENE               | 21.34 | 106  | 1437038  | 19.35  | ug/L | 99     |
| 47) O-XYLENE                   | 22.31 | 91   | 1620229  | 10.28  | ug/L | 100    |
| 48) STYRENE                    | 22.38 | 104  | 1199410  | 9.79   | ug/L | 97     |
| 49) 1,1,2,2-TETRACHLOROETHANE  | 23.38 | 83   | 252553   | 10.74  | ug/L | 100    |
| 51) BROMOFORM                  | 23.20 | 173  | 144608   | 9.02   | ug/L | 99     |
| 52) ISOPROPYLBENZENE           | 23.03 | 105  | 1943656  | 8.39   | ug/L | 99     |
| 53) 1,2,3-TRICHLOROPROPANE     | 23.71 | 110  | 68647    | 8.13   | ug/L | 96     |
| 54) N-PROPYLBENZENE            | 23.89 | 91   | 2580535  | 8.59   | ug/L | 100    |
| 55) BROMOBENZENE               | 24.13 | 156  | 428383   | 8.68   | ug/L | 90     |
| 56) 1,3,5-TRIMETHYLBENZENE     | 24.22 | 105  | 1664306  | 8.32   | ug/L | 100    |
| 57) 2-CHLOROTOLUENE            | 24.37 | 91   | 1557239  | 8.17   | ug/L | 96     |
| 58) 4-CHLOROTOLUENE            | 24.46 | 91   | 1594878  | 9.35   | ug/L | 97     |
| 59) TERT-BUTYLBENZENE          | 25.00 | 134  | 376927   | 8.82   | ug/L | 97     |
| 60) 1,2,4-TRIMETHYLBENZENE     | 25.10 | 105  | 1791720  | 8.63   | ug/L | 98     |
| 61) SEC-BUTYLBENZENE           | 25.46 | 105  | 2361191  | 8.47   | ug/L | 98     |
| 62) P-ISOPROPYLTOLUENE         | 25.72 | 119  | 1945739  | 8.70   | ug/L | 99     |
| 63) 1,3-DICHLOROBENZENE        | 26.08 | 146  | 969321   | 9.09   | ug/L | 98     |
| 64) 1,4-DICHLOROBENZENE        | 26.28 | 146  | 946983   | 8.87   | ug/L | 99     |
| 65) N-BUTYLBENZENE             | 26.60 | 91   | 2074166  | 9.69   | ug/L | 99     |
| 66) 1,2-DICHLOROBENZENE        | 27.13 | 146  | 813929   | 9.24   | ug/L | 98     |
| 67) 1,2-DIBROMO-3-CHLOROPROPAN | 28.77 | 157  | 41729    | 9.27   | ug/L | 99     |
| 68) NITROBENZENE               | 28.97 | 77   | 370074   | 199.49 | ug/L | 97     |
| 69) 1,2,4-TRICHLOROBENZENE     | 30.71 | 180  | 460893   | 9.44   | ug/L | 99     |
| 70) HEXACHLOROBUTADIENE        | 30.96 | 225  | 265981   | 8.97   | ug/L | 99     |
| 71) NAPHTHALENE                | 31.39 | 128  | 507422   | 9.43   | ug/L | 99     |
| 72) 1,2,3-TRICHLOROBENZENE     | 31.94 | 180  | 340056   | 9.49   | ug/L | 99     |

(#) = qualifier out of range (m) = manual integration  
 1224C10A.D HP121001.M Mon Dec 24 12:22:23 2001

Page 2



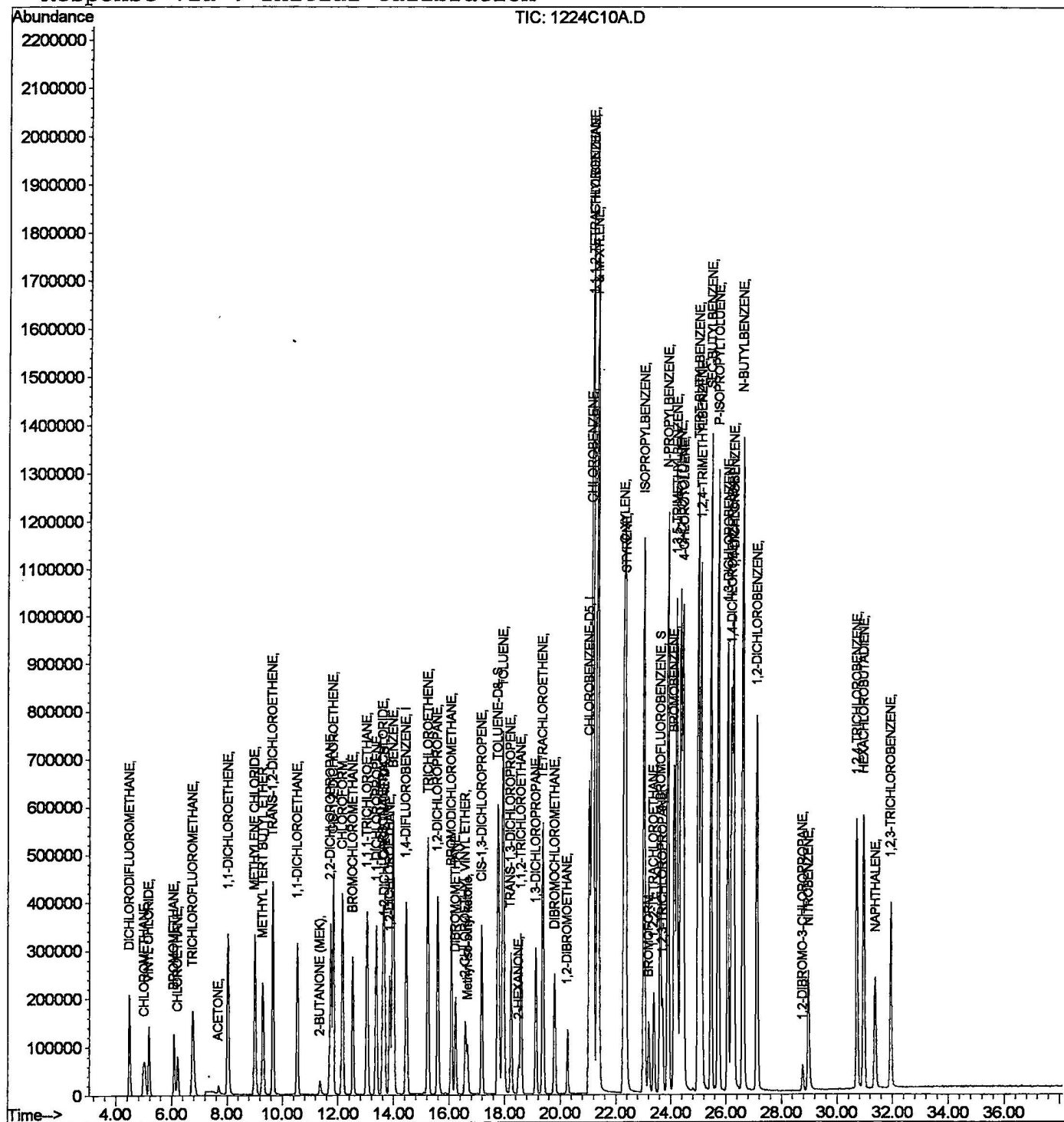
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\1224C10A.D  
 Acq On : 24 Dec 2001 11:43 am  
 Sample : cal 10  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 12:22 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



Mon Dec 24 12:22:30 2001

Page 3

User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/26/2001 Time: 13:34:08

Sample: AD30632  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/24/01 00:02 Ended: 12/24/01 00:02 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30632.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.5    |           | 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 12/28/01

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:34:08

Sample: AD30632  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/24/01 00:02 Ended: 12/24/01 00:02 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30632.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\01dec24\30632.D  
 Acq On : 24 Dec 2001 2:10 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 14:48 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  | 800254   | 5.00 | ug/L    | 0.10     |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 761321   | 5.00 | ug/L    | 0.09     |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 360266   | 5.00 | ug/L    | 0.10     |
| System Monitoring Compounds |       |      |          |      |         |          |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 289858   | 5.50 | ug/L    | 0.09     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 110.00% |          |
| 3) 4-BROMOFLUOROBENZENE     | 23.64 | 174  | 257483   | 4.19 | ug/L    | 0.10     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 83.80%  |          |
| 23) TOLUENE-D8              | 17.78 | 98   | 1013415  | 5.02 | ug/L    | 0.10     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 100.40% |          |
| Target Compounds            |       |      |          |      |         |          |
| 10) ACETONE                 | 7.70  | 43   | 33567    | 6.25 | ug/L    | 98       |
| 13) METHYL TERT BUTYL ETHER | 9.31  | 73   | 9726     | 0.17 | ug/L    | 93       |
| 16) 2-BUTANONE (MEK)        | 11.42 | 43   | 2768     | 0.29 | ug/L    | 64       |

(#) = qualifier out of range (m) = manual integration  
 30632.D HP121001.M Mon Dec 24 14:48:54 2001

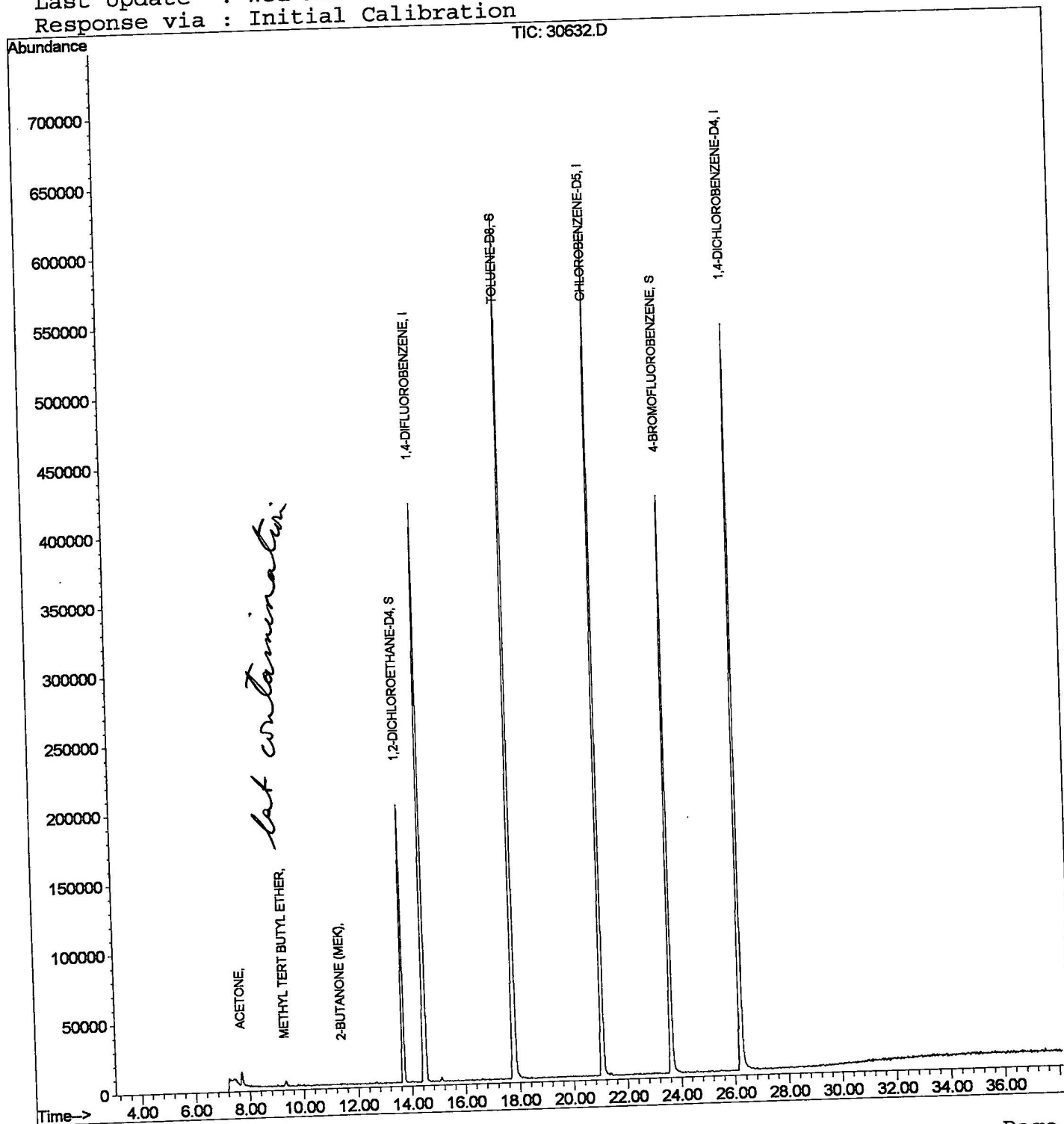
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\30632.D  
 Acq On : 24 Dec 2001 2:10 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 14:48 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



30632.D HP121001.M

Mon Dec 24 14:48:58 2001

Page 2

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec24\30632.D  
 Acq On : 24 Dec 2001 2:10 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

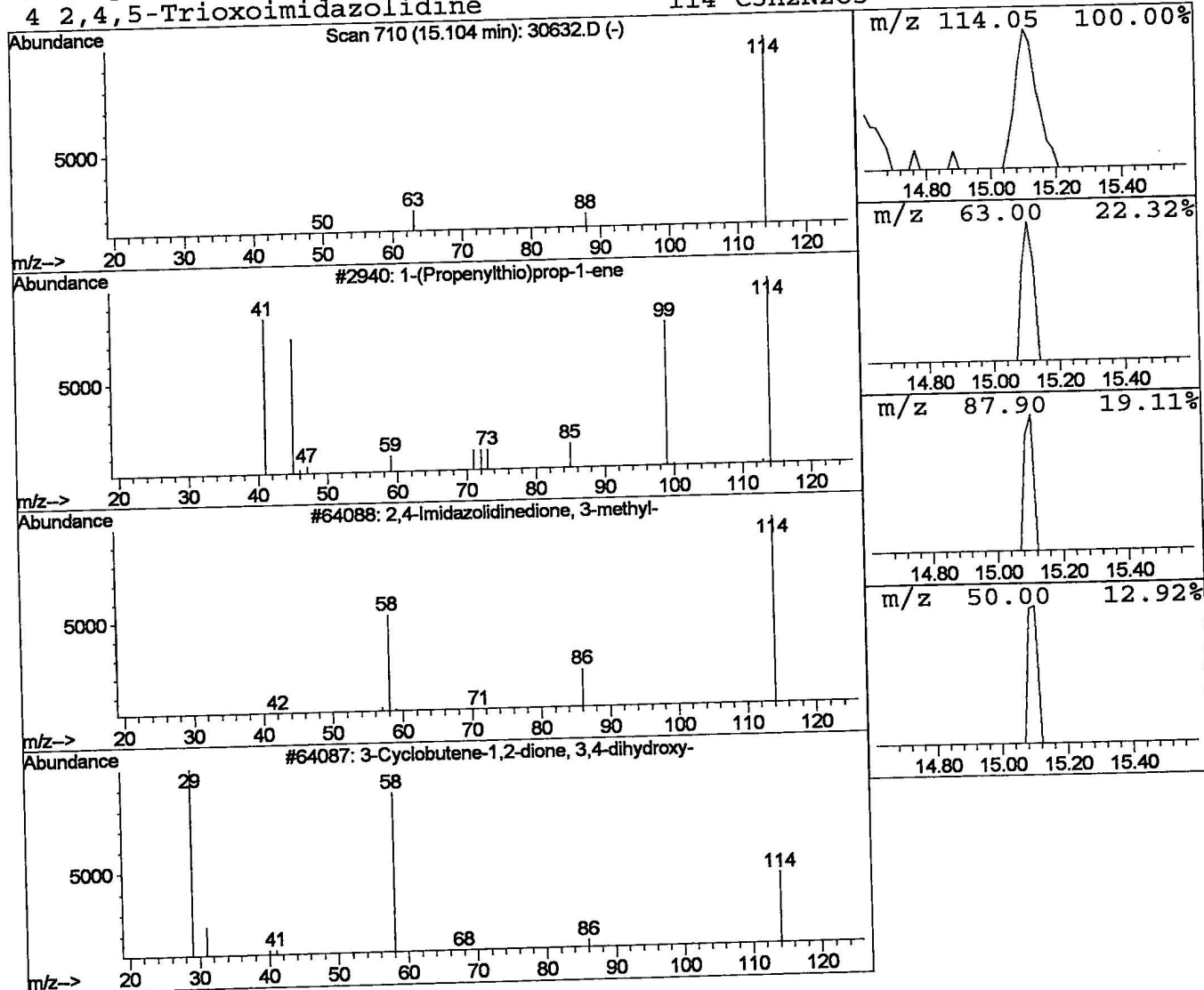
Vial: 10  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

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

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.10 | 0.03 ug/L | 11286 | 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    |    |   | 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: 12/26/2001 Time: 13:34:55

Sample: AD30633  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/24/01 00:02 Ended: 12/24/01 00:02 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30633.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.6    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 4.1    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 1.0 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 0.5 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 2.0 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 0.5 |
| 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  |           | 1.0 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 0.5 |
| 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  |           | 2.0 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 0.5 |
| 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  |           | 2.0 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 0.5 |
| 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 BH  
 DATE 12/28/01

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:34:55

Sample: AD30633  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/24/01 00:02 Ended: 12/24/01 00:02 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30633.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 |



**Comments for Sample AD30633 - Analysis \$524**

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-28-2001 Time: 12:41:13

ACETONE IS PRESENT IN THE SAMPLE AT 21 ug/L.

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec24\30633.D

Vial: 11

Acq On : 24 Dec 2001 2:53 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 24 15:32 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  | 758042   | 5.00  | ug/L    | 0.10      |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 739171   | 5.00  | ug/L    | 0.08      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 348294   | 5.00  | ug/L    | 0.10      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.69 | 65   | 278263   | 5.57  | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 111.40% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.64 | 174  | 240027   | 4.13  | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 82.60%  |           |
| 23) TOLUENE-D8              | 17.78 | 98   | 958667   | 4.89  | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 97.80%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 10) ACETONE                 | 7.70  | 43   | 109002   | 21.44 | ug/L    | Qvalue 97 |
| 16) 2-BUTANONE (MEK)        | 11.46 | 43   | 1487     | 0.17  | ug/L    | 64        |

-----

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

30633.D HP121001.M Mon Dec 24 15:32:26 2001

Page 1

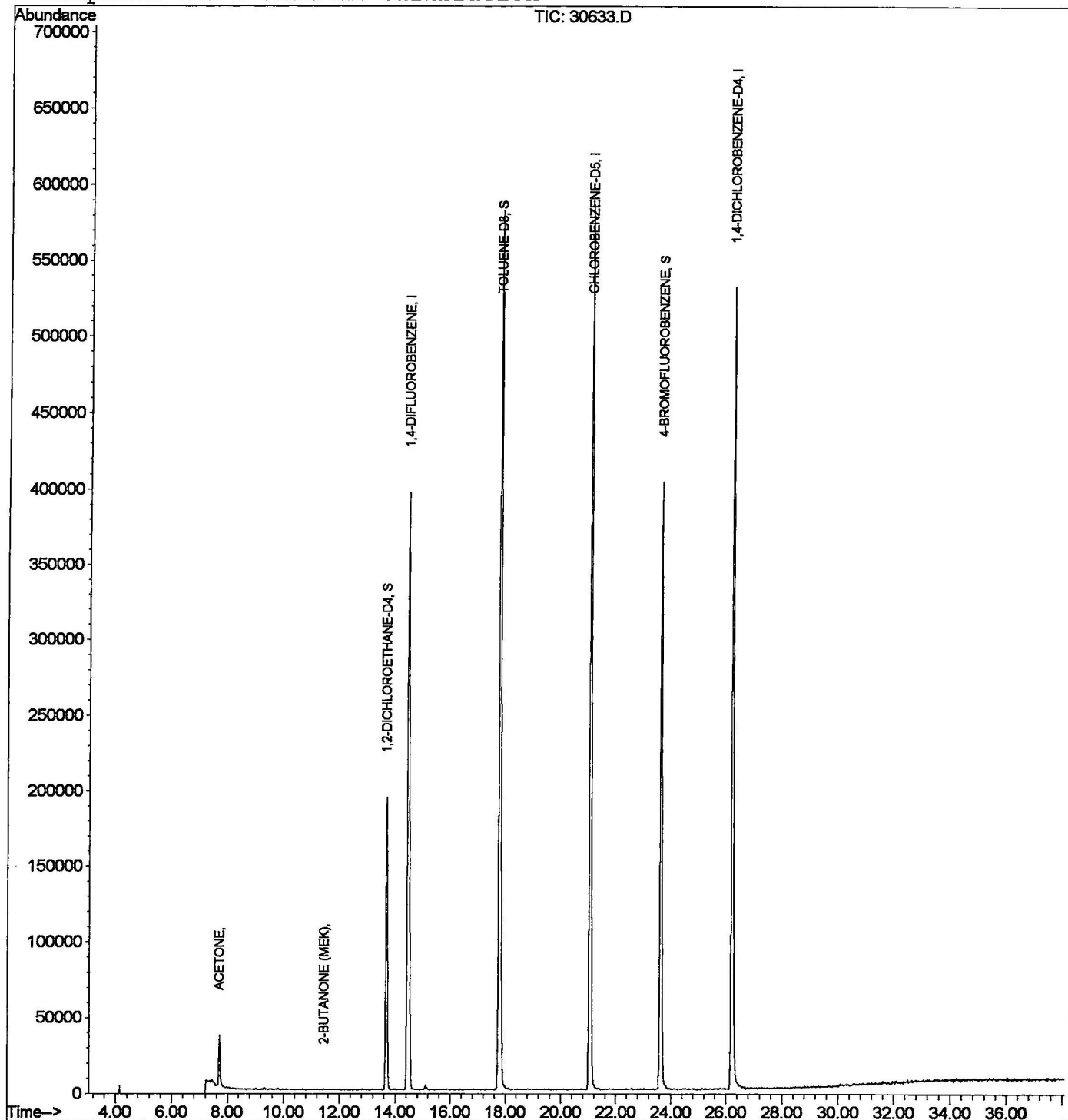
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\30633.D  
Acq On : 24 Dec 2001 2:53 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 24 15:32 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\01dec24\30633.D  
 Acq On : 24 Dec 2001 2:53 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

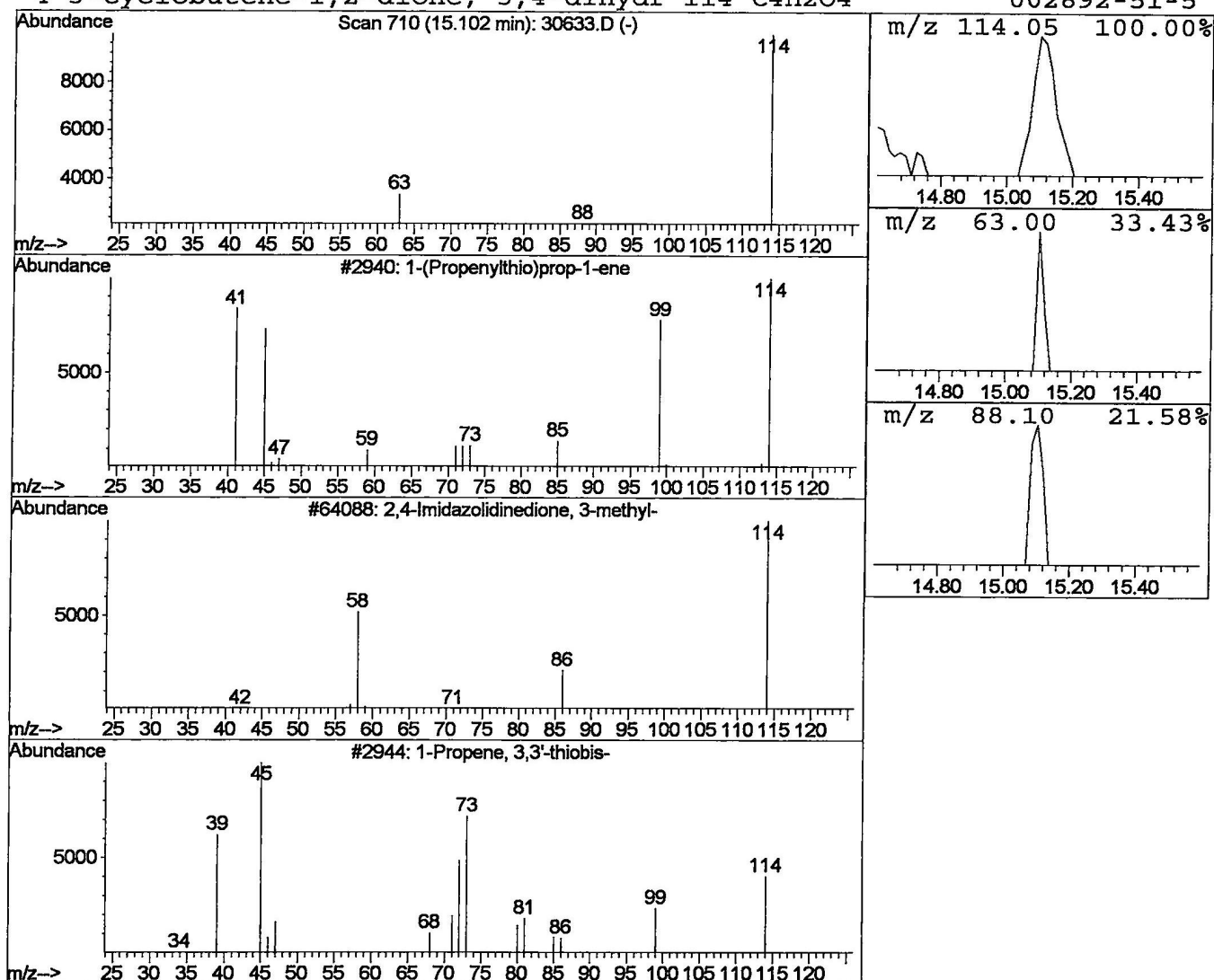
Vial: 11  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 3 1-(Propenylthio)prop-1-ene Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.10 | 0.03 ug/L | 12676 | 1,4-DIFLUOROBENZENE | 14.46 |

| 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    |    | 1-Propene, 3,3'-thiobis-            | 114 | C6H10S   | 000592-88-1 | 2    |
| 4    |    | 3-Cyclobutene-1,2-dione, 3,4-dihydr | 114 | C4H2O4   | 002892-51-5 | 2    |



Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC20\30633F.D  
 Acq On : 21 Dec 2001 5:49 am  
 Sample : nyc fb  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 21 6:28 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      | 14.44 | 114  | 546085   | 5.00  | ug/L    | 0.08     |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 525489   | 5.00  | ug/L    | 0.07     |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 239891   | 5.00  | ug/L    | 0.08     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 2) 1,2-DICHLOROETHANE-D4    | 13.65 | 65   | 221784   | 6.17  | ug/L    | 0.07     |
| Spiked Amount 5.000         |       |      | Recovery | =     | 123.40% |          |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 169085   | 4.03  | ug/L    | 0.08     |
| Spiked Amount 5.000         |       |      | Recovery | =     | 80.60%  |          |
| 23) TOLUENE-D8              | 17.76 | 98   | 698378   | 5.01  | ug/L    | 0.08     |
| Spiked Amount 5.000         |       |      | Recovery | =     | 100.20% |          |
| Target Compounds            |       |      |          |       |         |          |
| 10) ACETONE                 | 7.69  | 43   | 102456   | 27.97 | ug/L    | 97       |
| 12) METHYLENE CHLORIDE      | 9.00  | 49   | 9344     | 0.31  | ug/L    | 95       |
| 13) METHYL TERT BUTYL ETHER | 9.31  | 73   | 5704     | 0.14  | ug/L    | 92       |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 2151     | 0.33  | ug/L    | 64       |

*not reported because CCV failed*

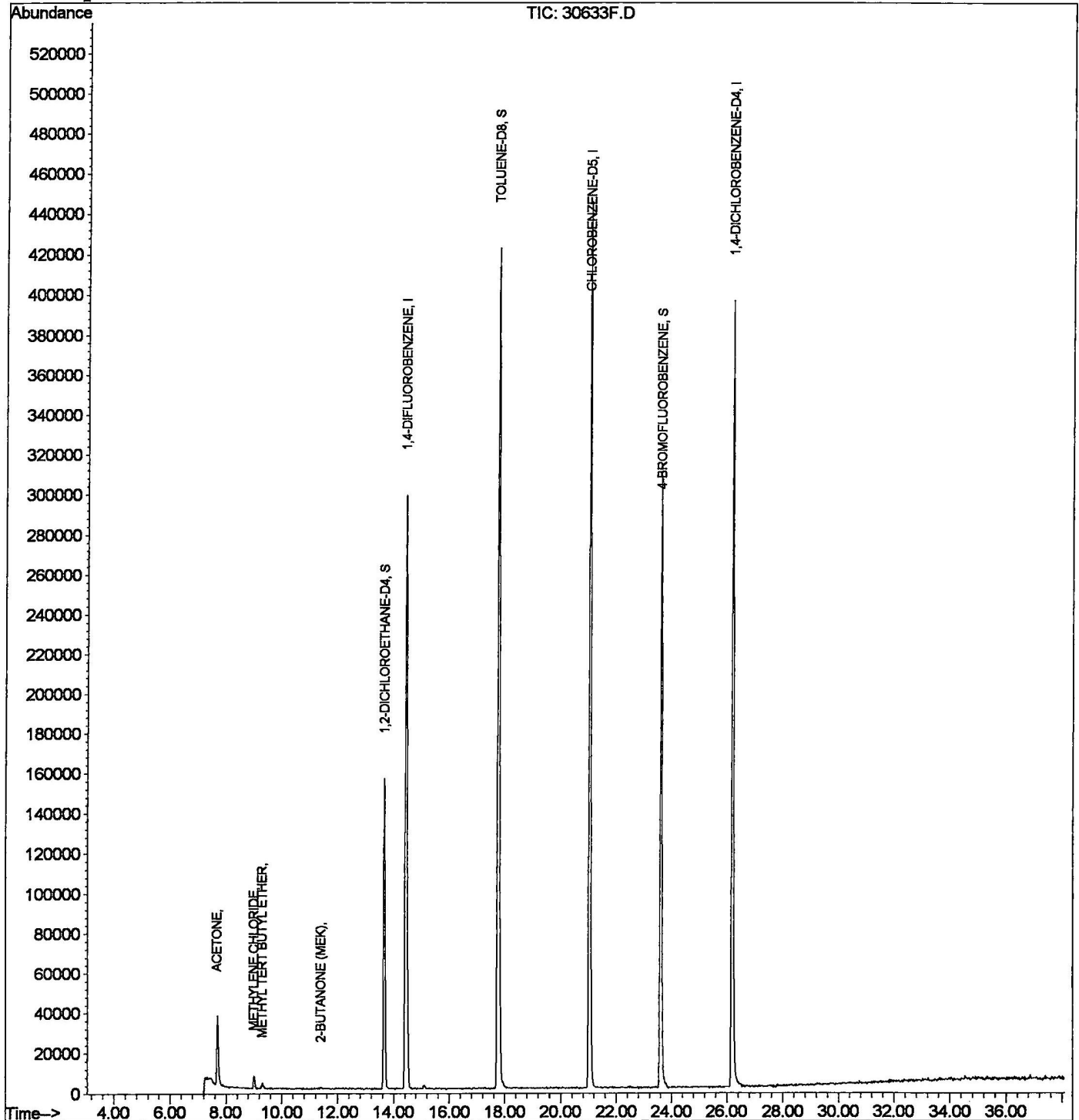
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC20\30633F.D  
 Acq On : 21 Dec 2001 5:49 am  
 Sample : nyc fb  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 21 6:28 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 : Fri Dec 28 11:44:48 2001  
 Response via : Initial Calibration



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/26/2001 Time: 13:35:54

Sample: AD30634

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/24/01 00:03 Ended: 12/24/01 00:03 Analyst: BH

Result source: m:\instruments\206\rrfiles\30634.rr

Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.6    |           | 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 12/28/01

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:35:54

Sample: AD30634  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/24/01 00:03 Ended: 12/24/01 00:03 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30634.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\01dec24\30634.D

Vial: 12

Acq On : 24 Dec 2001 3:37 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 24 16:17 2001

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

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

Response via : Initial Calibration

DataAcq Meth : HP121001

| Internal Standards          | R.T.  | QIon | Response | Conc | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|------|---------|----------|
| 1) 1,4-DIFLUOROBENZENE      | 14.46 | 114  | 726638   | 5.00 | ug/L    | 0.10     |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 698905   | 5.00 | ug/L    | 0.09     |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 328245   | 5.00 | ug/L    | 0.10     |
| System Monitoring Compounds |       |      |          |      |         |          |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 269651   | 5.63 | ug/L    | 0.09     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 112.60% |          |
| 3) 4-BROMOFLUOROBENZENE     | 23.64 | 174  | 233443   | 4.19 | ug/L    | 0.10     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 83.80%  |          |
| 23) TOLUENE-D8              | 17.78 | 98   | 922732   | 4.98 | ug/L    | 0.10     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 99.60%  |          |
| Target Compounds            |       |      |          |      |         | Qvalue   |
| 10) ACETONE                 | 7.70  | 43   | 28346    | 5.82 | ug/L    | 94       |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 2962     | 0.34 | ug/L    | 64       |

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

30634.D HP121001.M Mon Dec 24 16:18:21 2001

Page 1

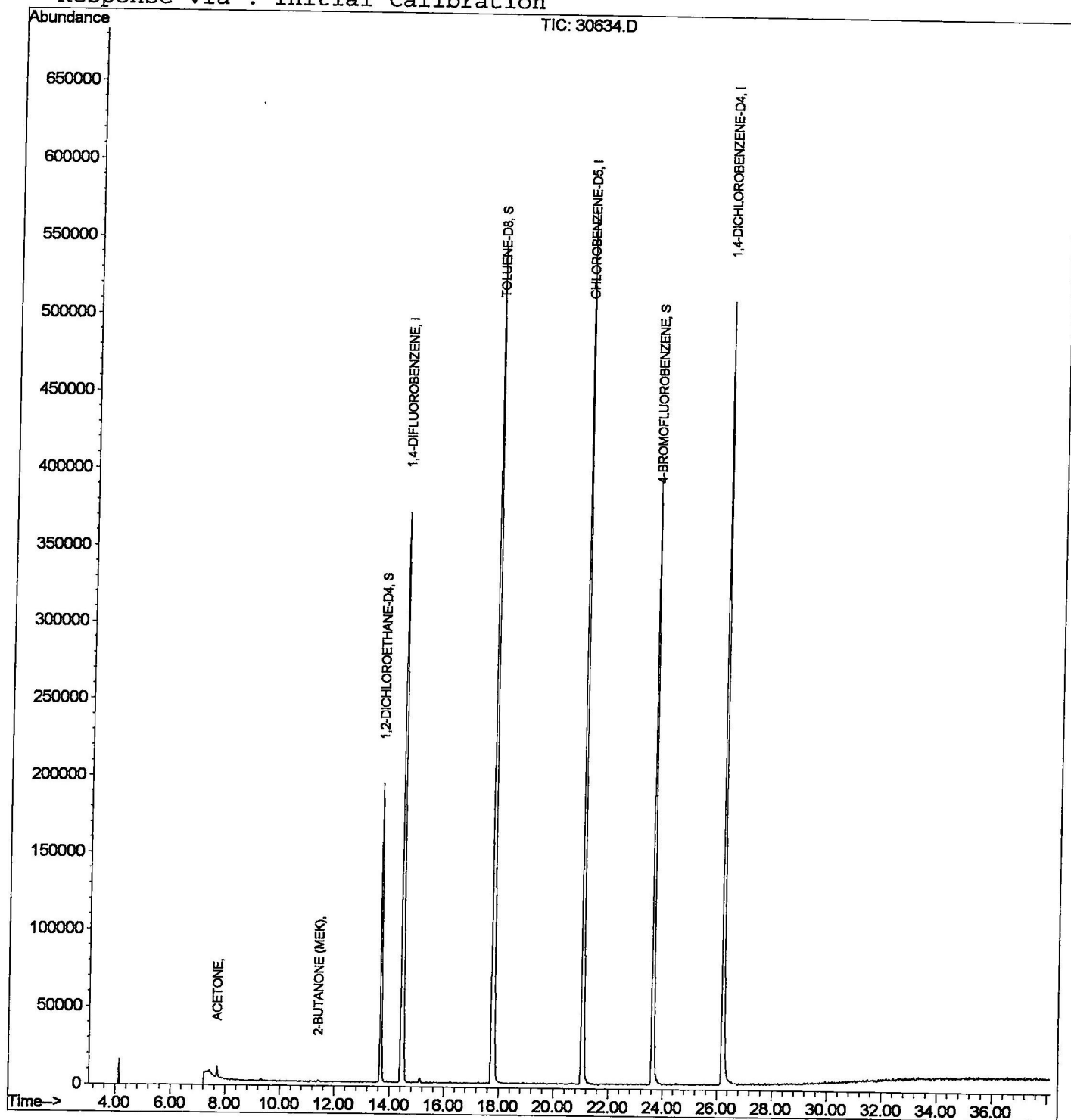
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\30634.D  
 Acq On : 24 Dec 2001 3:37 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 16:17 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



30634.D HP121001.M

Mon Dec 24 16:18:52 2001

Page 2

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec24\30634.D  
 Acq On : 24 Dec 2001 3:37 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

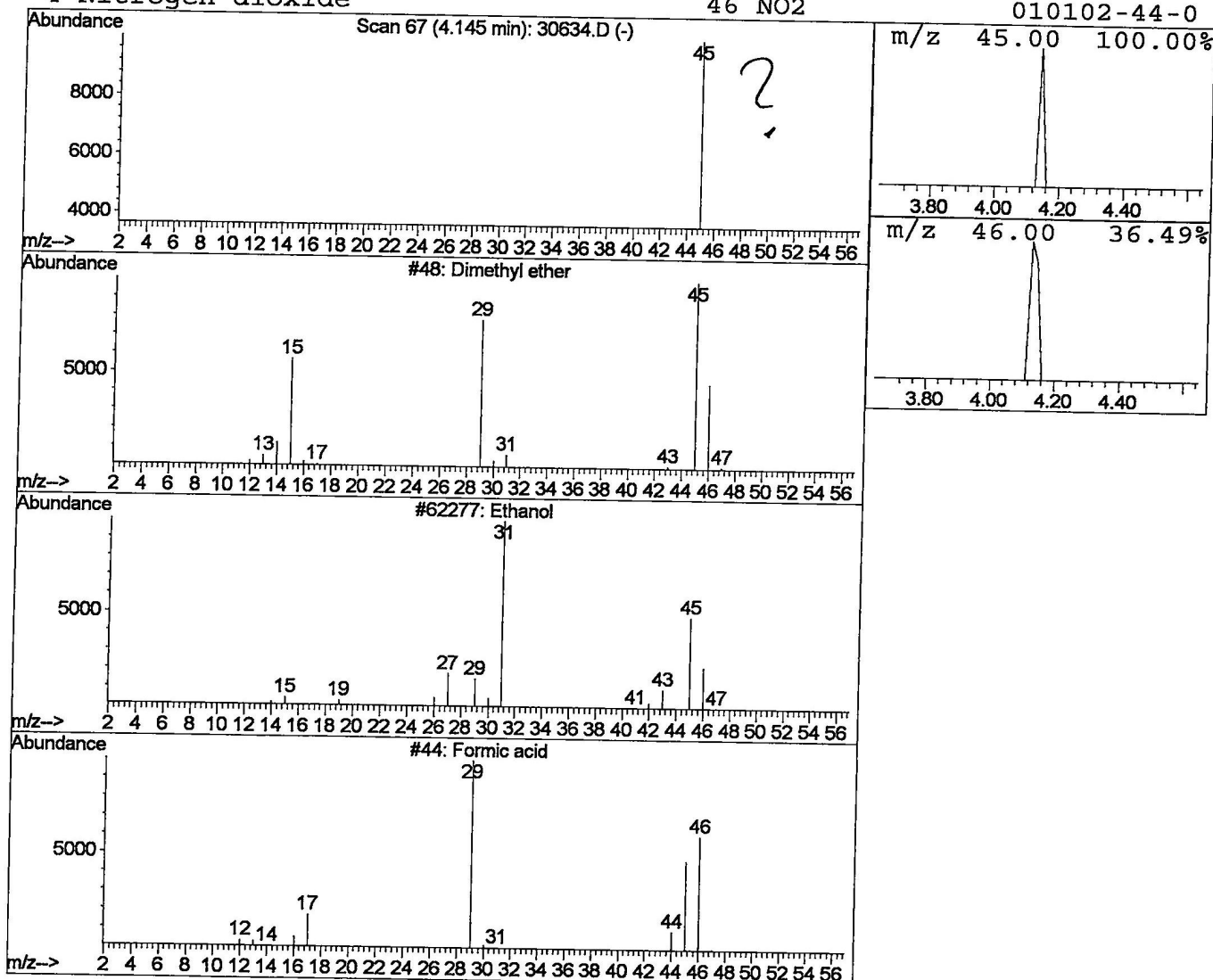
Vial: 12  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 1 Dimethyl ether Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T.  |
|------|-----------|-------|---------------------|-------|
| 4.14 | 0.06 ug/L | 21804 | 1,4-DIFLUOROBENZENE | 14.46 |

| Hit# | of | Tentative ID     | MW | MolForm | CAS#        | Qual |
|------|----|------------------|----|---------|-------------|------|
| 1    | 5  | Dimethyl ether   | 46 | C2H6O   | 000115-10-6 | 5    |
| 2    |    | Ethanol          | 46 | C2H6O   | 000064-17-5 | 4    |
| 3    |    | Formic acid      | 46 | CH2O2   | 000064-18-6 | 2    |
| 4    |    | Nitrogen dioxide | 46 | NO2     | 010102-44-0 | 2    |



## Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec24\30634.D  
Acq On : 24 Dec 2001 3:37 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P

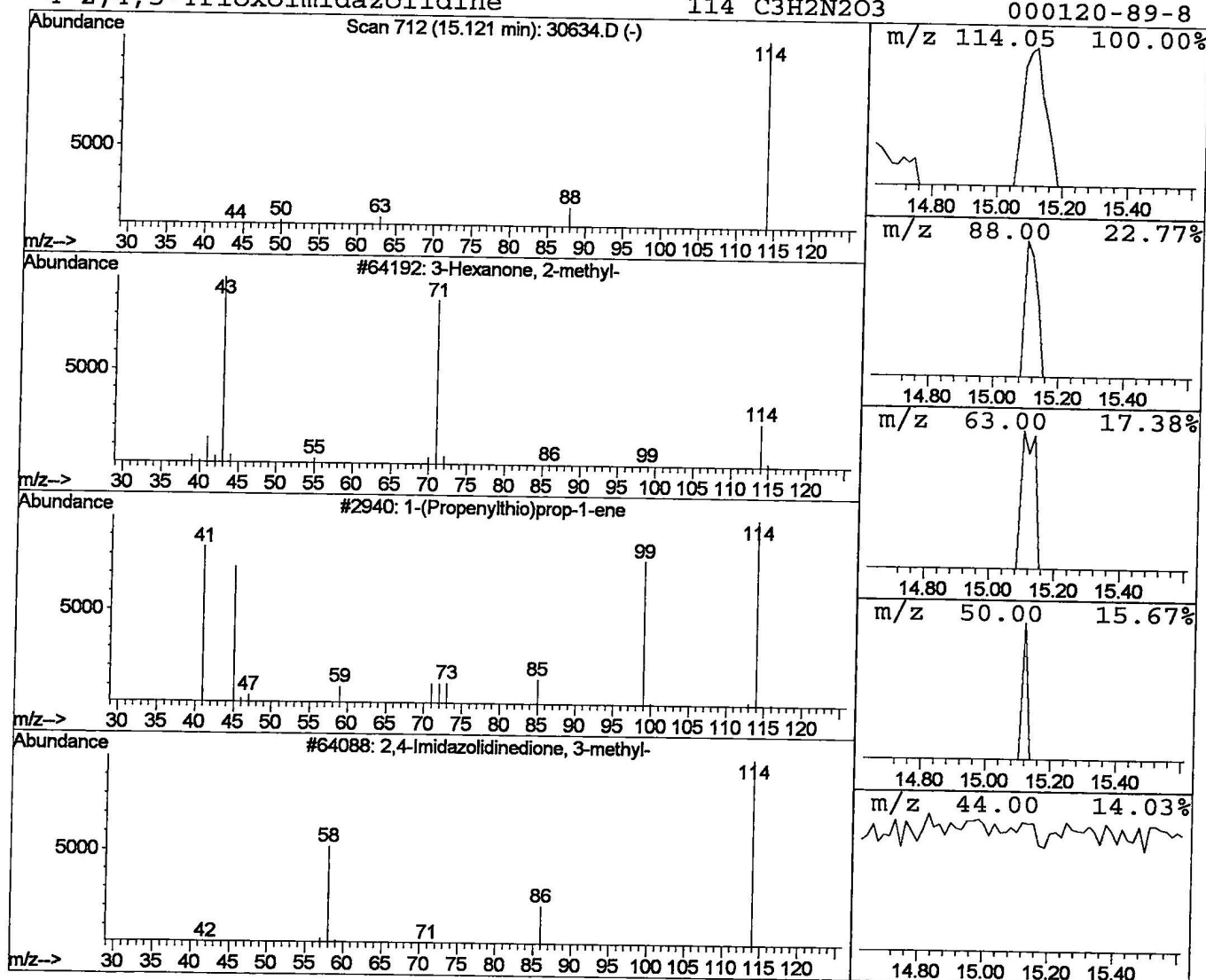
Vial: 12  
Operator: 206-BH  
Inst : GC/MS Ins  
Multiplr: 1.00

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

\*\*\*\*\*  
Peak Number 3 3-Hexanone, 2-methyl- Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.12 | 0.04 ug/L | 13744 | 1,4-DIFLUOROBENZENE | 14.46 |

| Hit# | of | Tentative ID                      | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------------------|-----|----------|-------------|------|
| 1    | 5  | 3-Hexanone, 2-methyl-             | 114 | C7H14O   | 007379-12-6 | 4    |
| 2    |    | 1-(Propenylthio)prop-1-ene        | 114 | C6H10S   | 000000-00-0 | 3    |
| 3    |    | 2,4-Imidazolidinedione, 3-methyl- | 114 | C4H6N2O2 | 006843-45-4 | 3    |
| 4    |    | 2,4,5-Trioxoimidazolidine         | 114 | C3H2N2O3 | 000120-89-8 | 2    |



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/26/2001 Time: 13:36:57

Sample: AD30703

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/24/01 00:04 Ended: 12/24/01 00:04 Analyst: BH

Result source: m:\instruments\206\rrfiles\30703.rr

Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.8    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 4.0    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.1    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

REVIEWED BY BN  
 DATE 12/28/01

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:36:57

Sample: AD30703  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/24/01 00:04 Ended: 12/24/01 00:04 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30703.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 |

**Comments for Sample AD30703 - Analysis \$524**

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-28-2001 Time: 12:41:40

ACETONE IS PRESENT IN THIS SAMPLE AT 21 ug/L.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec24\30703.D  
 Acq On : 24 Dec 2001 4:22 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 17:03 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  | 712429   | 5.00  | ug/L    | 0.10      |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 676877   | 5.00  | ug/L    | 0.08      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 314995   | 5.00  | ug/L    | 0.10      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 269901   | 5.75  | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 115.00% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.64 | 174  | 219655   | 4.02  | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 80.40%  |           |
| 23) TOLUENE-D8              | 17.78 | 98   | 915551   | 5.10  | ug/L    | 0.10      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 102.00% |           |
| Target Compounds            |       |      |          |       |         |           |
| 10) ACETONE                 | 7.70  | 43   | 99068    | 20.73 | ug/L    | Qvalue 98 |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 2318     | 0.27  | ug/L    | 64        |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30703.D HP121001.M Mon Dec 24 17:04:22 2001



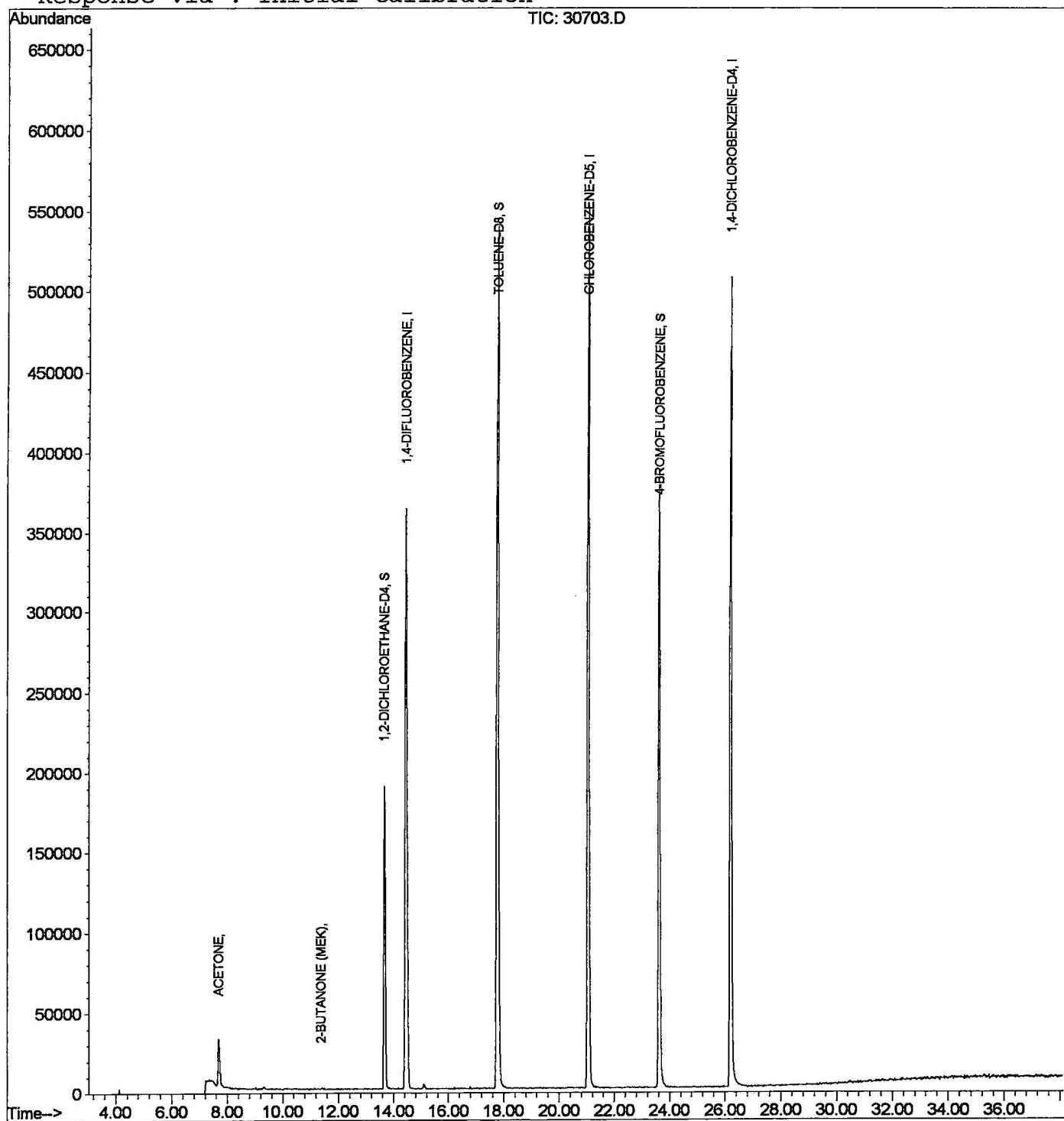
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\30703.D  
Acq On : 24 Dec 2001 4:22 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 24 17:03 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\01dec24\30703.D  
 Acq On : 24 Dec 2001 4:22 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

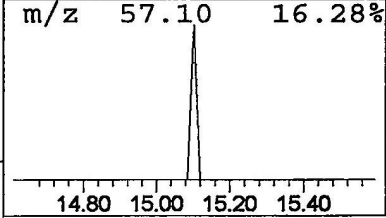
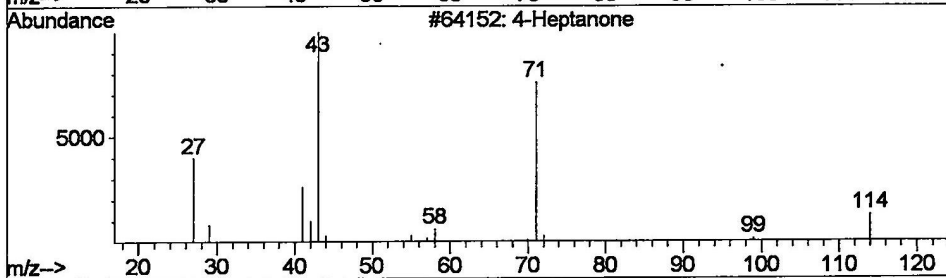
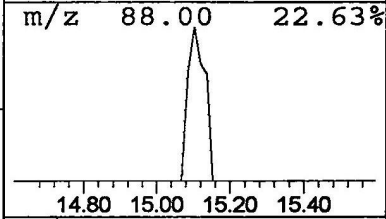
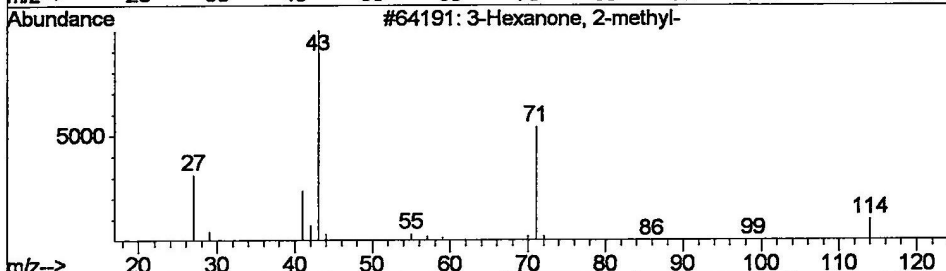
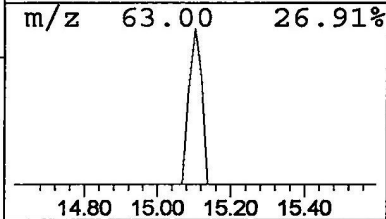
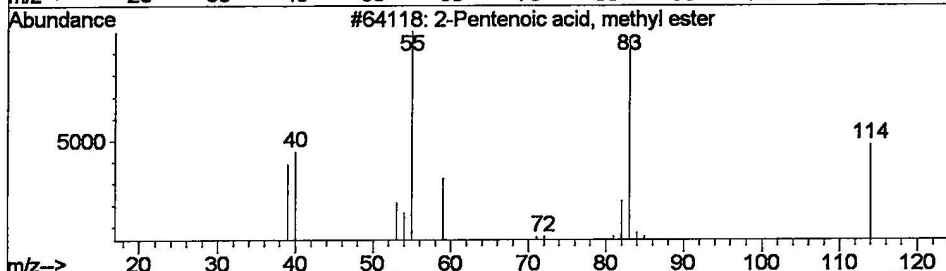
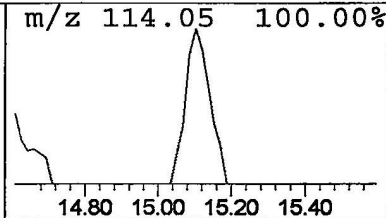
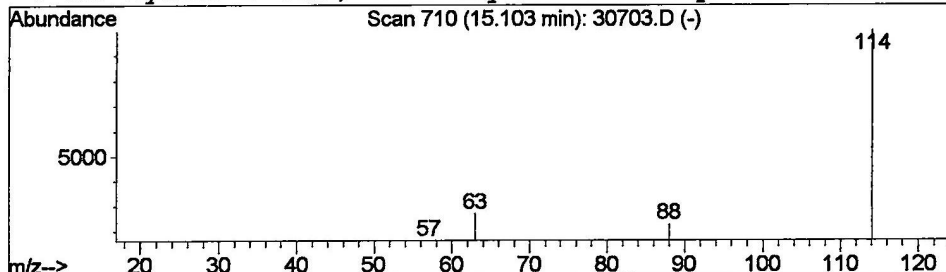
Vial: 13  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 2 2-Pentenoic acid, methyl ester Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.10 | 0.04 ug/L | 12730 | 1,4-DIFLUOROBENZENE | 14.46 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentenoic acid, methyl ester      | 114 | C6H10O2 | 000818-59-7 | 4    |
| 2    |    |   | 3-Hexanone, 2-methyl-               | 114 | C7H14O  | 007379-12-6 | 3    |
| 3    |    |   | 4-Heptanone                         | 114 | C7H14O  | 000123-19-3 | 3    |
| 4    |    |   | 2H-Pyran-2-one, tetrahydro-4-methyl | 114 | C6H10O2 | 001121-84-2 | 3    |



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/26/2001 Time: 13:37:56

Sample: AD30704  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/24/01 00:05 Ended: 12/24/01 00:05 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30704.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.8    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 4.1    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.2    |           | 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 *SV*  
 DATE *12/28/01*

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:37:56

Sample: AD30704  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/24/01 00:05 Ended: 12/24/01 00:05 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30704.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 |

**Comments for Sample AD30704 - Analysis \$524**

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-28-2001 Time: 12:42:22

ACETONE IS PRESENT IN THIS SAMPLE AT 22 ug/L.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec24\30704.D  
 Acq On : 24 Dec 2001 5:08 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 17:48 2001

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

Quant Results File: HP121001.RES

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

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev (Min) |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) 1,4-DIFLUOROBENZENE      | 14.44 | 114  | 680770   | 5.00  | ug/L    | 0.08      |
| 22) CHLOROBENZENE-D5        | 21.05 | 117  | 644762   | 5.00  | ug/L    | 0.08      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.21 | 152  | 305643   | 5.00  | ug/L    | 0.10      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 262098   | 5.85  | ug/L    | 0.09      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 117.00% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 214536   | 4.11  | ug/L    | 0.08      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 82.20%  |           |
| 23) TOLUENE-D8              | 17.76 | 98   | 894663   | 5.23  | ug/L    | 0.08      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 104.60% |           |
| Target Compounds            |       |      |          |       |         |           |
| 10) ACETONE                 | 7.69  | 43   | 98232    | 21.51 | ug/L    | 99        |
| 16) 2-BUTANONE (MEK)        | 11.42 | 43   | 2592     | 0.32  | ug/L    | 64        |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30704.D HP121001.M Mon Dec 24 17:49:47 2001

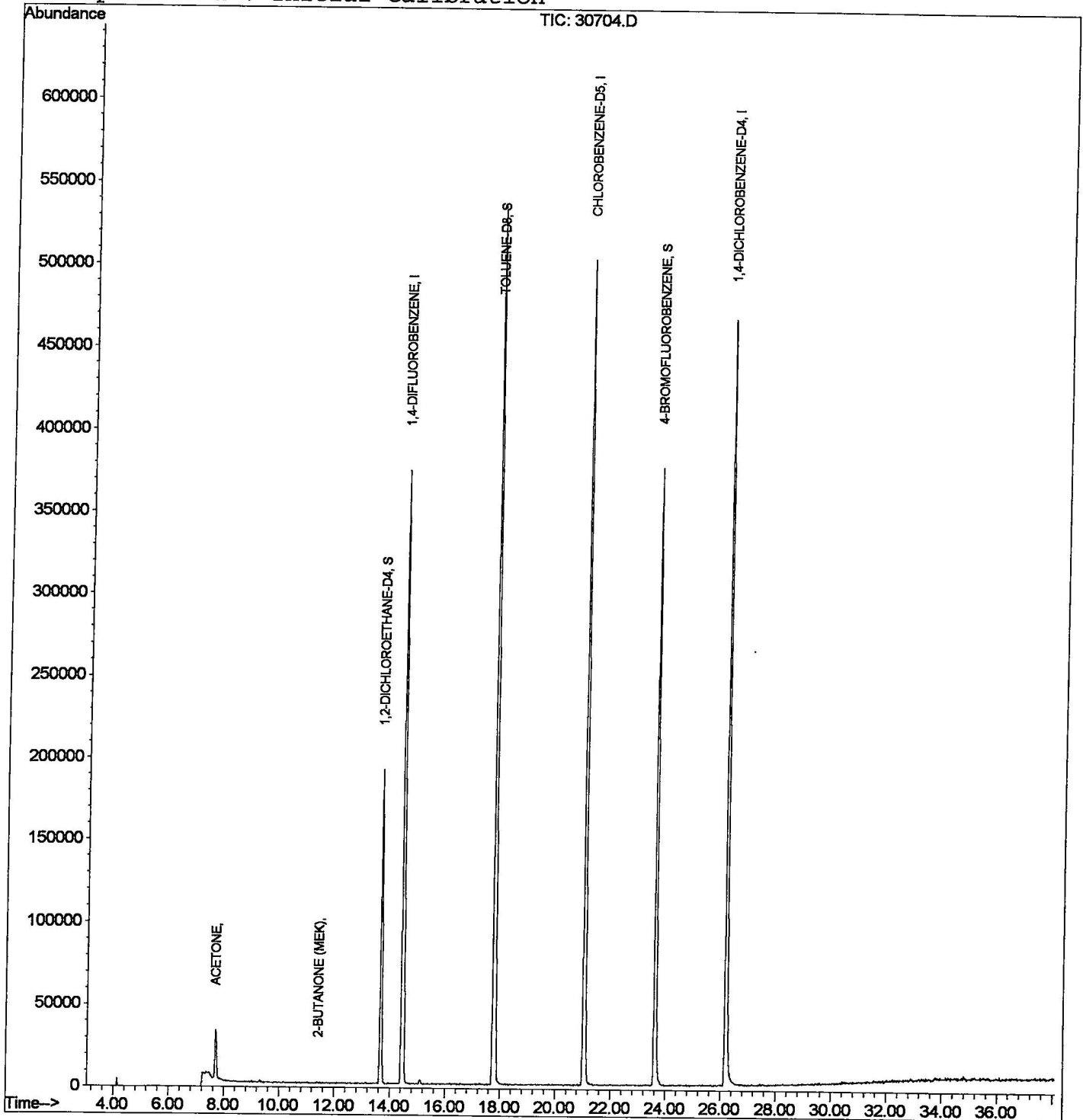
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\30704.D  
Acq On : 24 Dec 2001 5:08 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 24 17:48 2001

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

Quant Results File: HP121001.RES

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



30704.D HP121001.M

Mon Dec 24 17:50:18 2001

Page 2

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec24\30704.D  
 Acq On : 24 Dec 2001 5:08 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

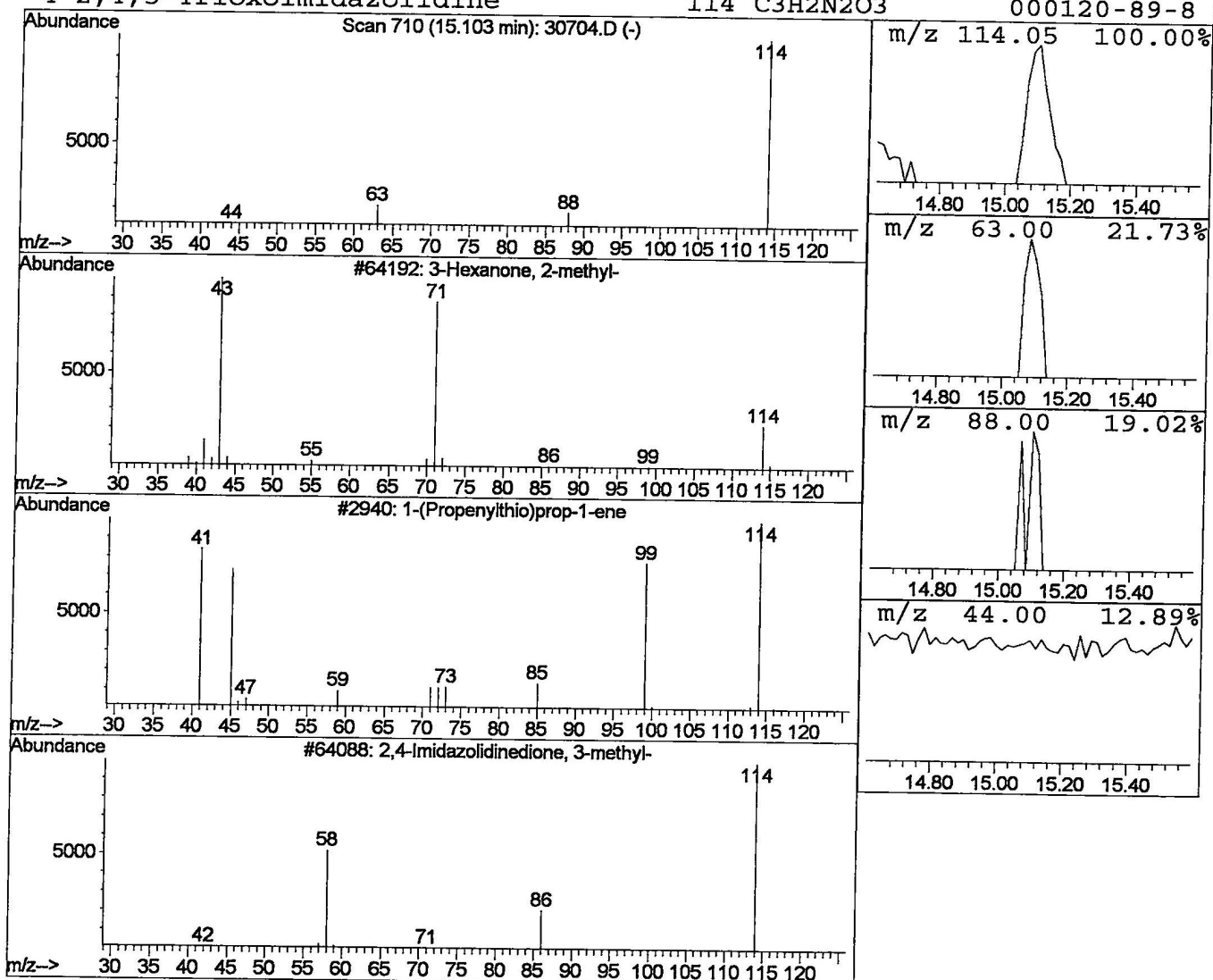
Vial: 14  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 2 3-Hexanone, 2-methyl- Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.10 | 0.03 ug/L | 11966 | 1,4-DIFLUOROBENZENE | 14.44 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|----------|-------------|------|
| 1    |    |   | 3-Hexanone, 2-methyl-             | 114 | C7H14O   | 007379-12-6 | 4    |
| 2    |    |   | 1-(Propenylthio)prop-1-ene        | 114 | C6H10S   | 000000-00-0 | 3    |
| 3    |    |   | 2,4-Imidazolidinedione, 3-methyl- | 114 | C4H6N2O2 | 006843-45-4 | 3    |
| 4    |    |   | 2,4,5-Trioxoimidazolidine         | 114 | C3H2N2O3 | 000120-89-8 | 2    |





Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC20\30704F.D  
 Acq On : 21 Dec 2001 6:32 am  
 Sample : nyc fb  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 21 7:11 2001

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

Quant Results File: HP121001.RES

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

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) 1,4-DIFLUOROBENZENE      | 14.44 | 114  | 563530   | 5.00  | ug/L    | 0.08     |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 545855   | 5.00  | ug/L    | 0.07     |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 251737   | 5.00  | ug/L    | 0.08     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 2) 1,2-DICHLOROETHANE-D4    | 13.65 | 65   | 227065   | 6.12  | ug/L    | 0.07     |
| Spiked Amount 5.000         |       |      | Recovery | =     | 122.40% |          |
| 3) 4-BROMOFLUOROBENZENE     | 23.60 | 174  | 174021   | 4.02  | ug/L    | 0.07     |
| Spiked Amount 5.000         |       |      | Recovery | =     | 80.40%  |          |
| 23) TOLUENE-D8              | 17.74 | 98   | 724635   | 5.01  | ug/L    | 0.07     |
| Spiked Amount 5.000         |       |      | Recovery | =     | 100.20% |          |
| Target Compounds            |       |      |          |       |         | Qvalue   |
| 10) ACETONE                 | 7.69  | 43   | 44062    | 11.66 | ug/L    | 98       |
| 12) METHYLENE CHLORIDE      | 9.00  | 49   | 10530    | 0.34  | ug/L    | 98       |
| 16) 2-BUTANONE (MEK)        | 11.39 | 43   | 3350     | 0.50  | ug/L    | 64       |

*not reported because ccv failed*

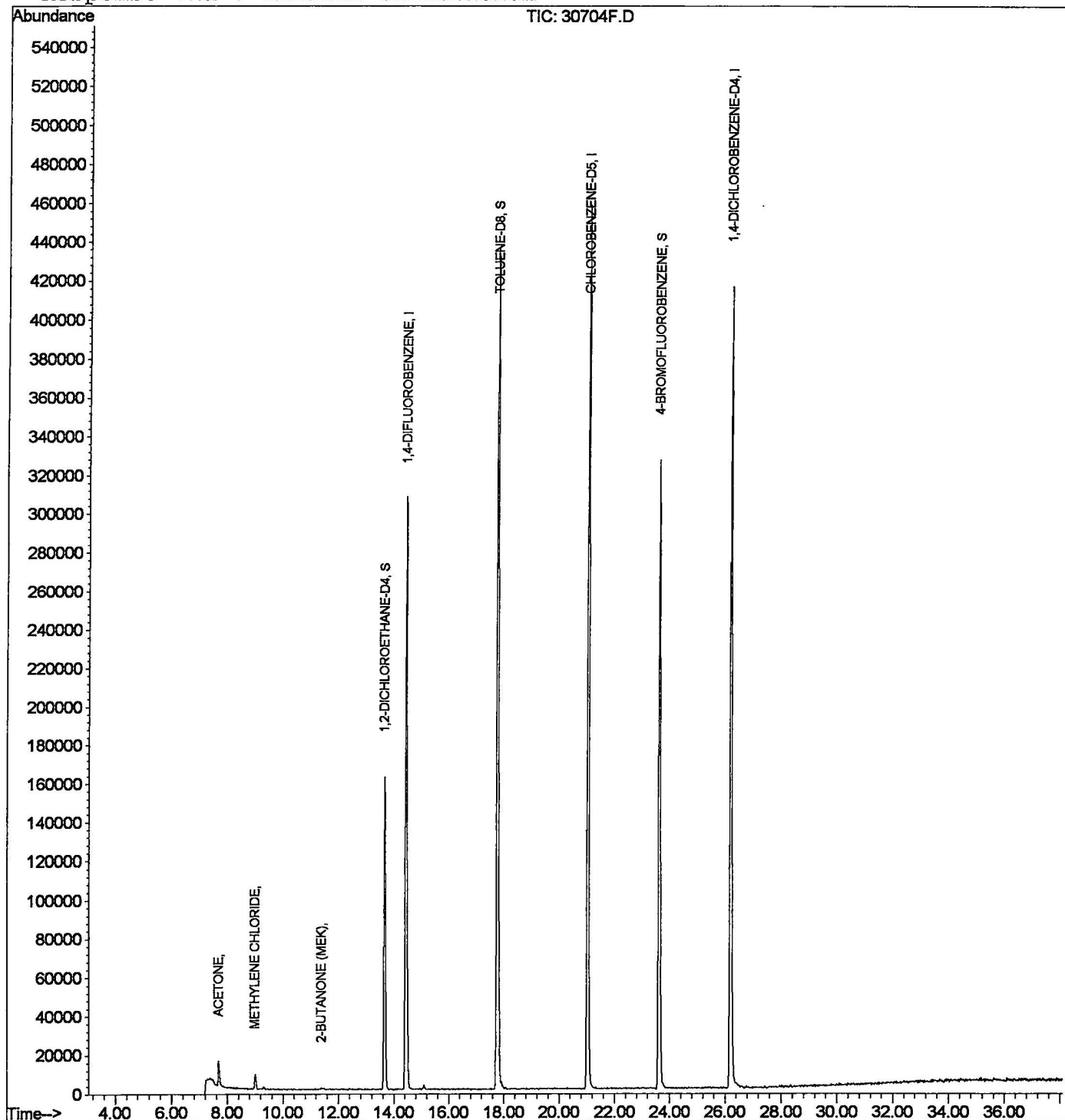
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01DEC20\30704F.D  
 Acq On : 21 Dec 2001 6:32 am  
 Sample : nyc fb  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 21 7:11 2001

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

Quant Results File: HP121001.RES

Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)  
 Title : VOCs BY EPA METHOD 524  
 Last Update : Fri Dec 28 11:44:48 2001  
 Response via : Initial Calibration



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/26/2001 Time: 13:39:07

Sample: AD30705

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/24/01 00:05 Ended: 12/24/01 00:05 Analyst: BH

Result source: m:\instruments\206\rrfiles\30705.rr

Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 6.1    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 4.2    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.1    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

REVIEWED BY BV  
 DATE 12/28/01

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:39:07

Sample: AD30705  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/24/01 00:05 Ended: 12/24/01 00:05 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30705.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\01dec24\30705.D  
 Acq On : 24 Dec 2001 5:53 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 18:33 2001

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

Quant Results File: HP121001.RES

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

| Internal Standards          | R.T.  | QIon | Response | Conc | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|------|---------|----------|
| 1) 1,4-DIFLUOROBENZENE      | 14.44 | 114  | 639682   | 5.00 | ug/L    | 0.09     |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 631086   | 5.00 | ug/L    | 0.07     |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 296145   | 5.00 | ug/L    | 0.09     |
| System Monitoring Compounds |       |      |          |      |         |          |
| 2) 1,2-DICHLOROETHANE-D4    | 13.67 | 65   | 255415   | 6.06 | ug/L    | 0.09     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 121.20% |          |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 204360   | 4.16 | ug/L    | 0.09     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 83.20%  |          |
| 23) TOLUENE-D8              | 17.76 | 98   | 852465   | 5.09 | ug/L    | 0.09     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 101.80% |          |
| Target Compounds            |       |      |          |      |         | Qvalue   |
| 10) ACETONE                 | 7.70  | 43   | 35798    | 8.34 | ug/L    | 98       |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 3044     | 0.40 | ug/L    | 64       |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30705.D HP121001.M Mon Dec 24 18:35:10 2001

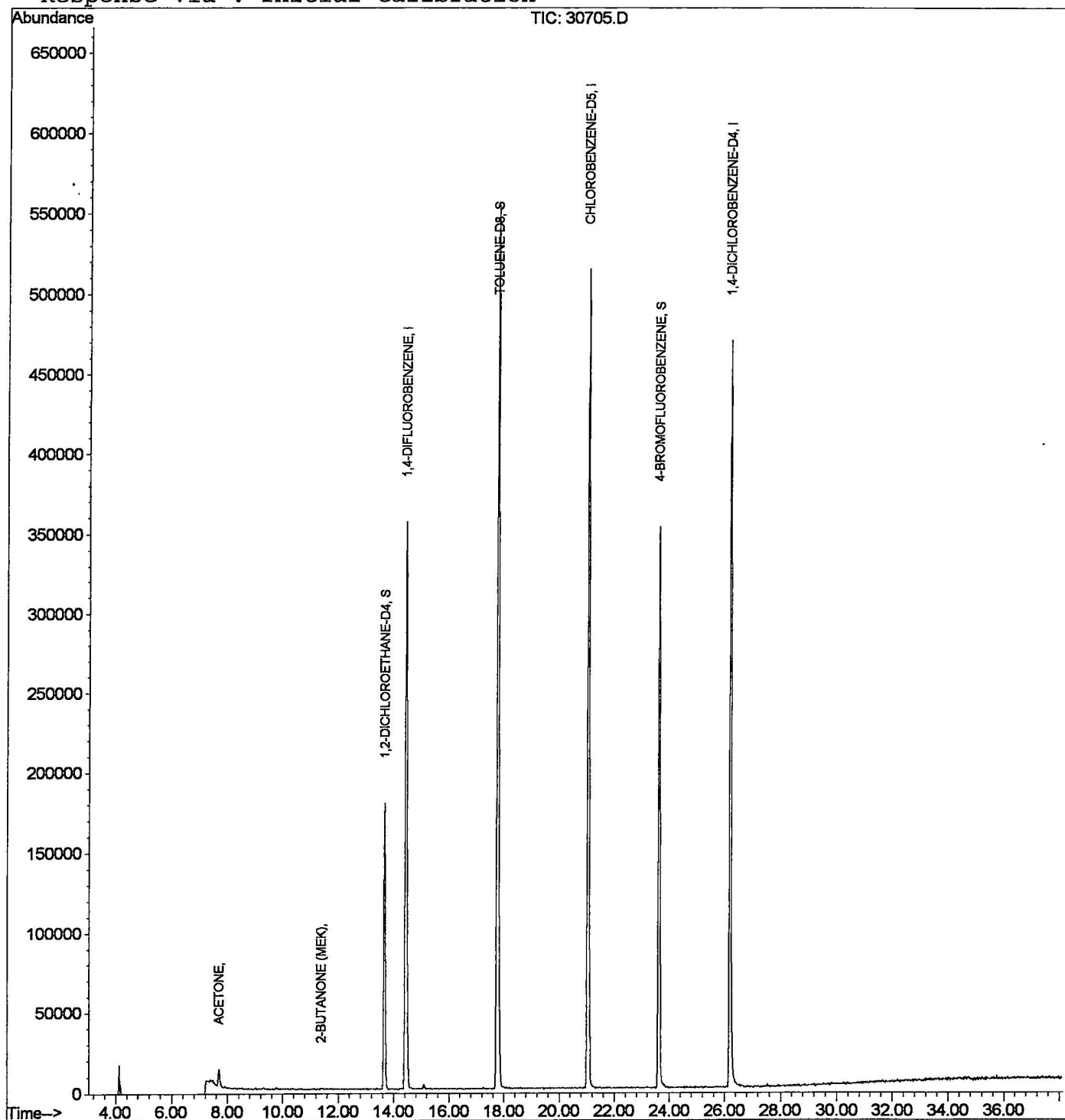
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\30705.D  
Acq On : 24 Dec 2001 5:53 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 24 18:33 2001

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

Quant Results File: HP121001.RES

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



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec24\30705.D  
 Acq On : 24 Dec 2001 5:53 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

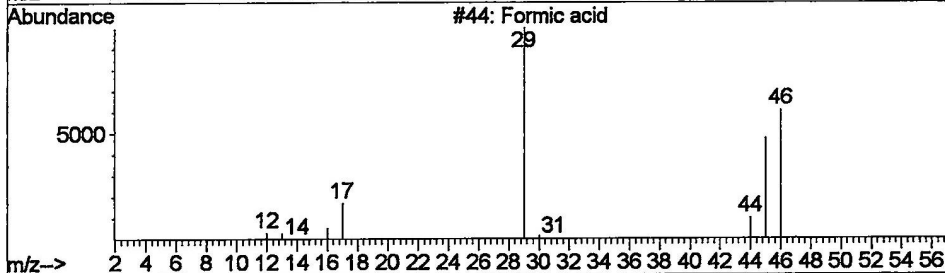
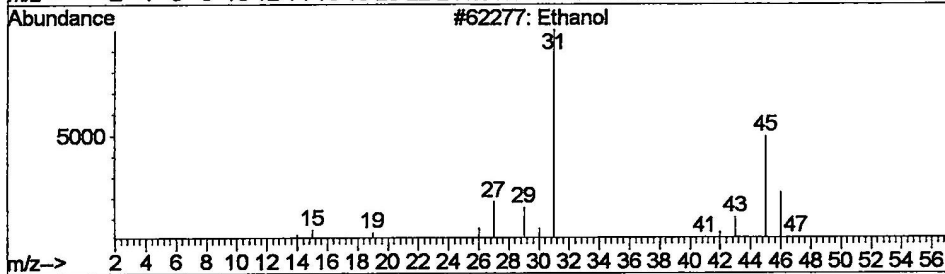
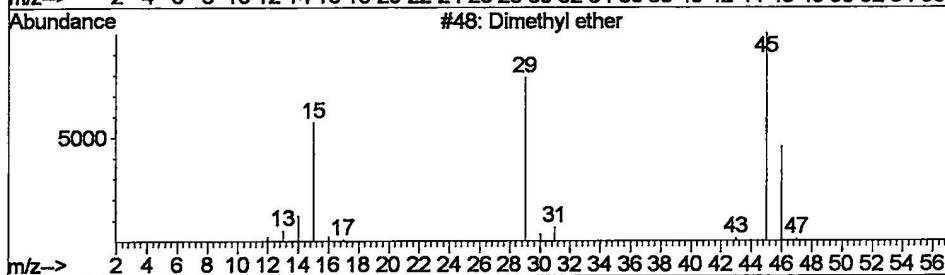
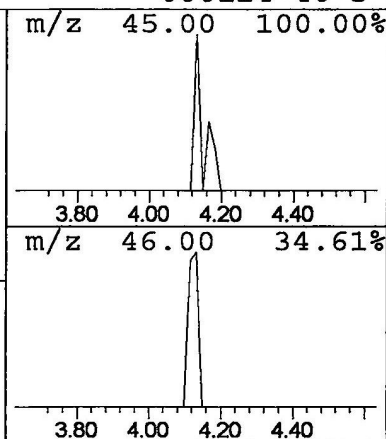
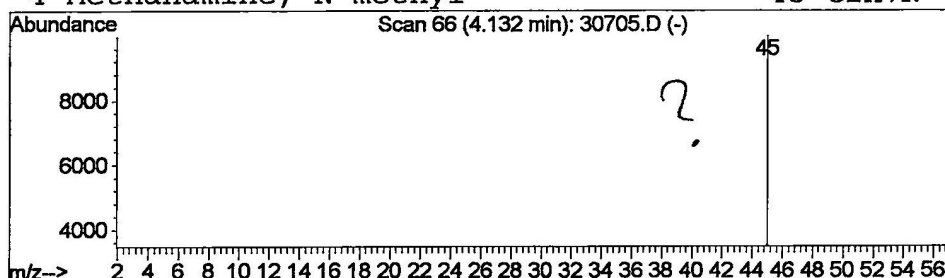
Vial: 15  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 1 Dimethyl ether Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T.  |
|------|-----------|-------|---------------------|-------|
| 4.13 | 0.07 ug/L | 22120 | 1,4-DIFLUOROBENZENE | 14.44 |

| Hit# | of | Tentative ID           | MW | MolForm | CAS#        | Qual |
|------|----|------------------------|----|---------|-------------|------|
| 1    | 5  | Dimethyl ether         | 46 | C2H6O   | 000115-10-6 | 5    |
| 2    |    | Ethanol                | 46 | C2H6O   | 000064-17-5 | 4    |
| 3    |    | Formic acid            | 46 | CH2O2   | 000064-18-6 | 2    |
| 4    |    | Methanamine, N-methyl- | 45 | C2H7N   | 000124-40-3 | 2    |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec24\30705.D  
 Acq On : 24 Dec 2001 5:53 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

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

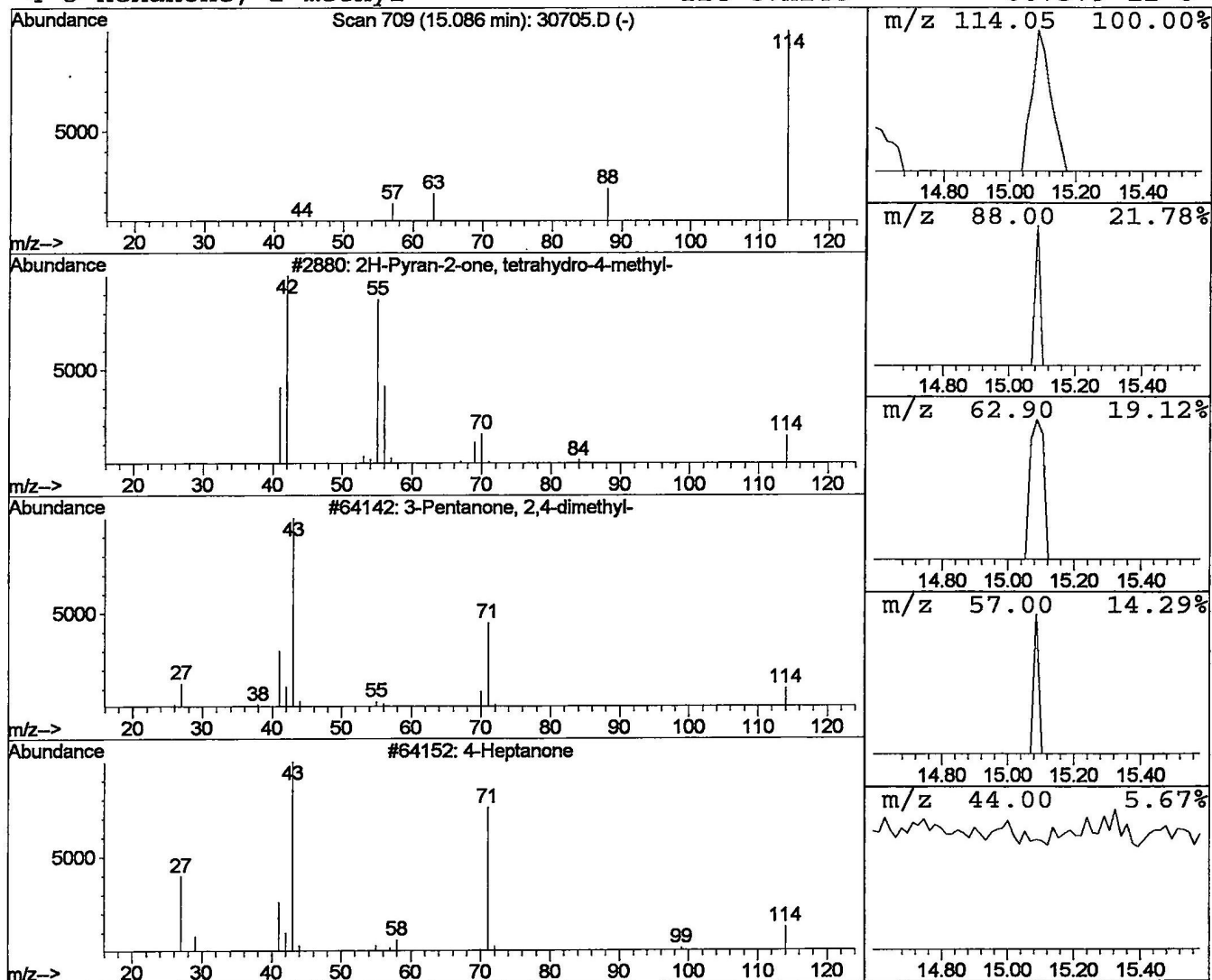
Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)  
 Title : VOCs BY EPA METHOD 524  
 Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
 Peak Number 5 2H-Pyran-2-one, tetrahydro-4-m Concentration Rank 4

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.09 | 0.03 ug/L | 10430 | 1,4-DIFLUOROBENZENE | 14.44 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------------------|-----|---------|-------------|------|
| 1       |   | 2H-Pyran-2-one, tetrahydro-4-methyl | 114 | C6H10O2 | 001121-84-2 | 3    |
| 2       |   | 3-Pentanone, 2,4-dimethyl-          | 114 | C7H14O  | 000565-80-0 | 3    |
| 3       |   | 4-Heptanone                         | 114 | C7H14O  | 000123-19-3 | 3    |
| 4       |   | 3-Hexanone, 2-methyl-               | 114 | C7H14O  | 007379-12-6 | 3    |





User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/26/2001 Time: 13:39:46

Sample: AD30707  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/24/01 00:06 Ended: 12/24/01 00:06 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30707.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 6.0    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 4.1    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.1    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

REVIEWED BY AN  
 DATE 12/28/01

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:39:46

Sample: AD30707  
Analysis: §524 Volatile Organic Compounds  
Units: ug  
Started: 12/24/01 00:06 Ended: 12/24/01 00:06 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30707.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 |

**Comments for Sample AD30707 - Analysis \$524**

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-28-2001 Time: 12:47:59

ACETONE IS PRESENT IN THIS SAMPLE AT 28 ug/L.

Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec24\30707.D  
 Acq On : 24 Dec 2001 6:40 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 19:20 2001

Vial: 17  
 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  | 627012   | 5.00  | ug/L    | 0.09     |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 601175   | 5.00  | ug/L    | 0.07     |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 281200   | 5.00  | ug/L    | 0.09     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 2) 1,2-DICHLOROETHANE-D4    | 13.65 | 65   | 246947   | 5.98  | ug/L    | 0.07     |
| Spiked Amount 5.000         |       |      | Recovery | =     | 119.60% |          |
| 3) 4-BROMOFLUOROBENZENE     | 23.62 | 174  | 195559   | 4.06  | ug/L    | 0.09     |
| Spiked Amount 5.000         |       |      | Recovery | =     | 81.20%  |          |
| 23) TOLUENE-D8              | 17.76 | 98   | 812649   | 5.10  | ug/L    | 0.09     |
| Spiked Amount 5.000         |       |      | Recovery | =     | 102.00% |          |
| Target Compounds            |       |      |          |       |         | Qvalue   |
| 10) ACETONE                 | 7.69  | 43   | 119685   | 28.45 | ug/L    | 98       |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 2757     | 0.37  | ug/L    | 64       |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30707.D HP121001.M Mon Dec 24 19:22:00 2001

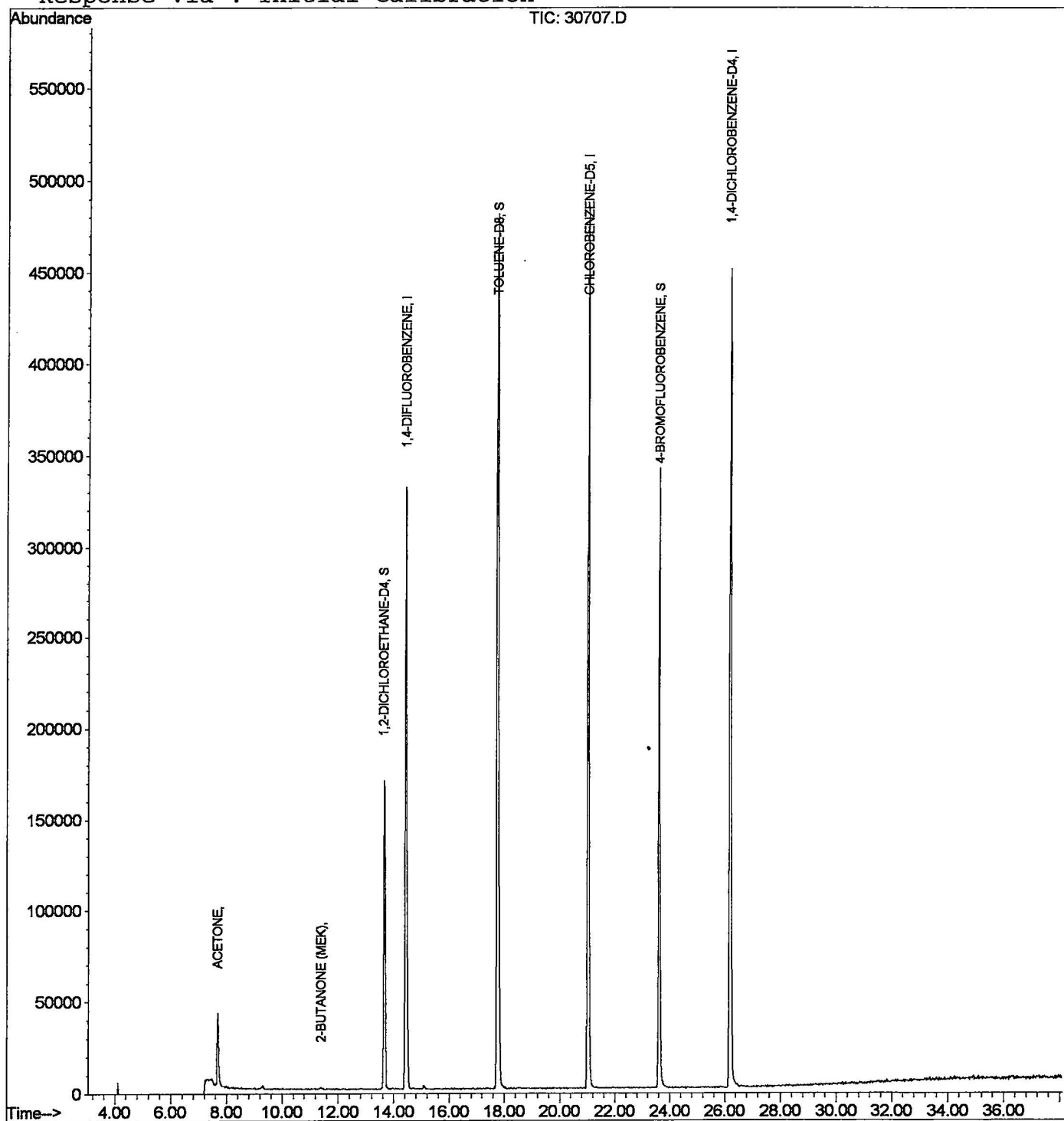
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\30707.D  
Acq On : 24 Dec 2001 6:40 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 24 19:20 2001

Vial: 17  
Operator: 206-BH  
Inst : GC/MS Ins  
Multiplr: 1.00

Quant Results File: HP121001.RES

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



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec24\30707.D  
 Acq On : 24 Dec 2001 6:40 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

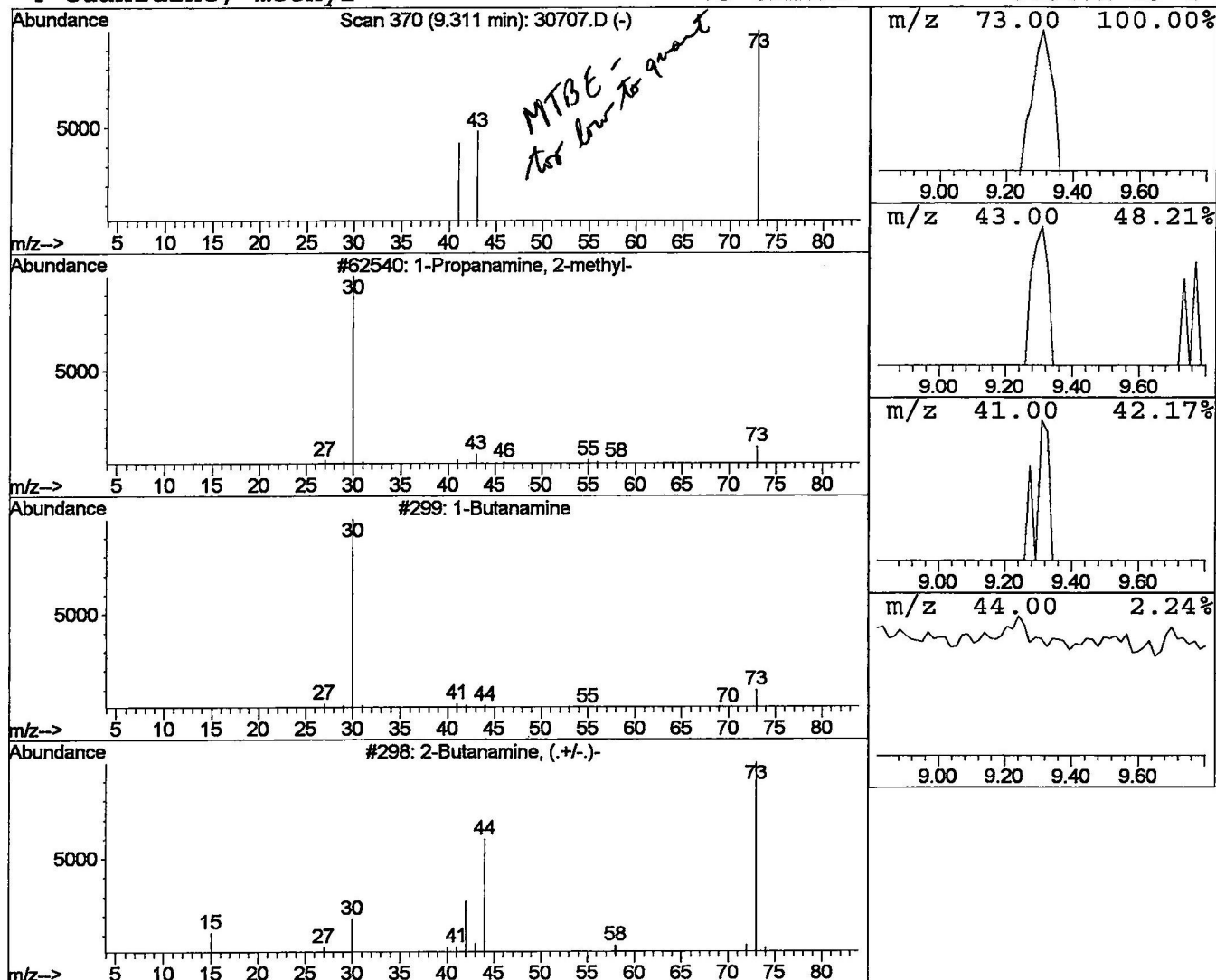
Vial: 17  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 3 1-Propanamine, 2-methyl- Concentration Rank 3

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T.  |
|------|-----------|-------|---------------------|-------|
| 9.31 | 0.03 ug/L | 10776 | 1,4-DIFLUOROBENZENE | 14.44 |

| Hit# | of | 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|----|---------|-------------|------|
| 1    |    |   | 1-Propanamine, 2-methyl- | 73 | C4H11N  | 000078-81-9 | 3    |
| 2    |    |   | 1-Butanamine             | 73 | C4H11N  | 000109-73-9 | 3    |
| 3    |    |   | 2-Butanamine, (.+/-.)-   | 73 | C4H11N  | 033966-50-6 | 2    |
| 4    |    |   | Guanidine, methyl-       | 73 | C2H7N3  | 000471-29-4 | 2    |



# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec24\30707.D  
 Acq On : 24 Dec 2001 6:40 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

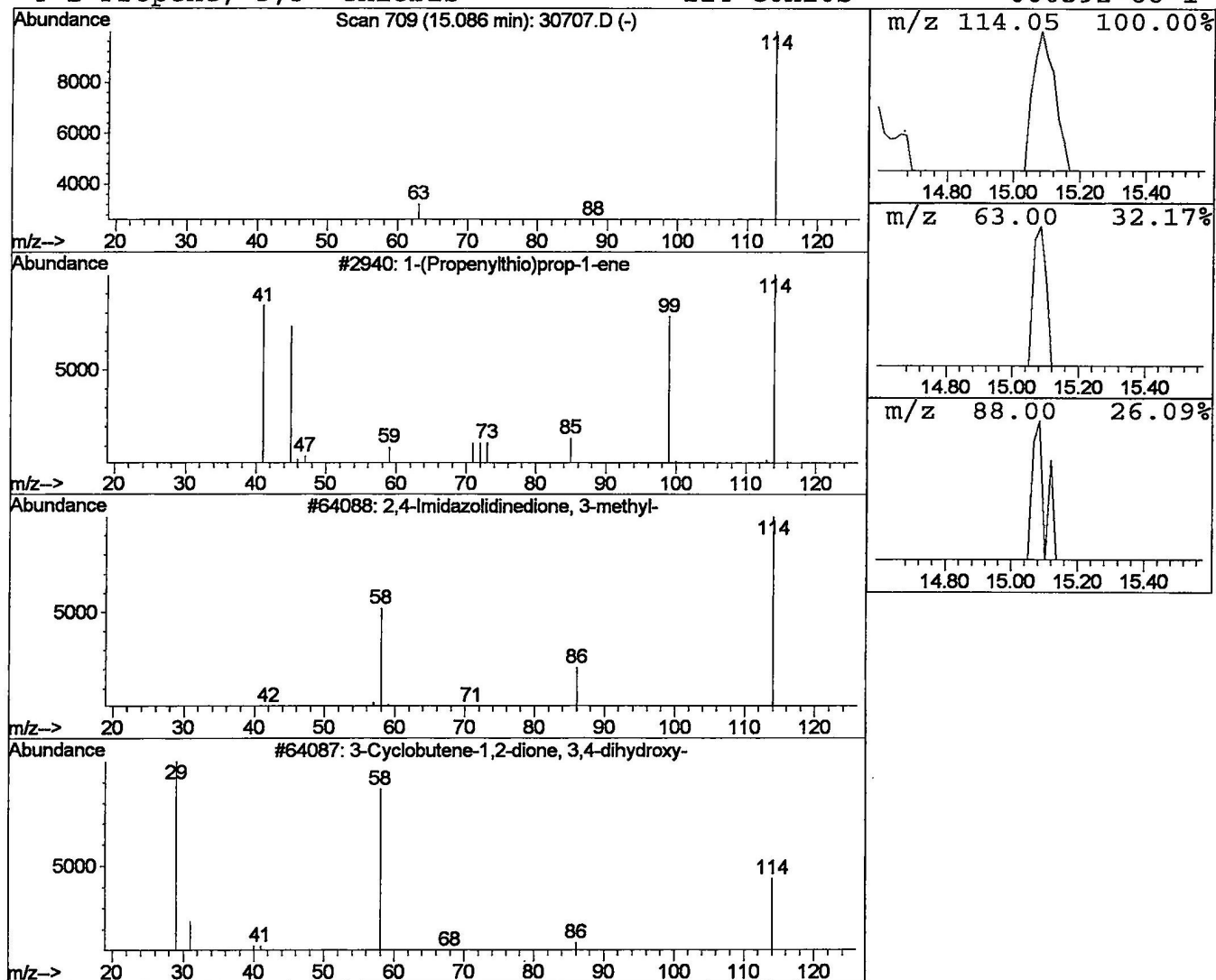
Vial: 17  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 4 1-(Propenylthio)prop-1-ene Concentration Rank 4

| R.T.  | EstConc   | Area | Relative to ISTD    | R.T.  |
|-------|-----------|------|---------------------|-------|
| 15.09 | 0.03 ug/L | 9977 | 1,4-DIFLUOROBENZENE | 14.44 |

| 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    |    |   | 3-Cyclobutene-1,2-dione, 3,4-dihydr | 114 | C4H2O4   | 002892-51-5 | 2    |
| 4    |    |   | 1-Propene, 3,3'-thiobis-            | 114 | C6H10S   | 000592-88-1 | 2    |



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/26/2001 Time: 13:40:32

Sample: AD30708  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/24/01 00:07 Ended: 12/24/01 00:07 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30708.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 5.9    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 4.0    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 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 BN  
 DATE 12/28/01



User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:40:32

Sample: AD30708

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/24/01 00:07 Ended: 12/24/01 00:07 Analyst: BH

Result source: m:\instruments\206\rrfiles\30708.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 |

**Comments for Sample AD30708 - Analysis \$524**

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-28-2001 Time: 12:48:23

ACETONE IS PRESENT IN THIS SAMPLE AT 30 ug/L.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec24\30708.D Vial: 18  
 Acq On : 24 Dec 2001 7:26 pm Operator: 206-BH  
 Sample : nyc Inst : GC/MS Ins  
 Misc : Multiplr: 1.00  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 20:07 2001 Quant Results File: HP121001.RES

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

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) 1,4-DIFLUOROBENZENE      | 14.42 | 114  | 622748   | 5.00  | ug/L    | 0.07      |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 608747   | 5.00  | ug/L    | 0.07      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 279364   | 5.00  | ug/L    | 0.09      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.66 | 65   | 243869   | 5.95  | ug/L    | 0.07      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 119.00% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.61 | 174  | 192850   | 4.04  | ug/L    | 0.07      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 80.80%  |           |
| 23) TOLUENE-D8              | 17.74 | 98   | 796274   | 4.93  | ug/L    | 0.07      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 98.60%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 10) ACETONE                 | 7.69  | 43   | 125361   | 30.01 | ug/L    | Qvalue 95 |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 1942     | 0.26  | ug/L    | 64        |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30708.D HP121001.M Mon Dec 24 20:08:16 2001

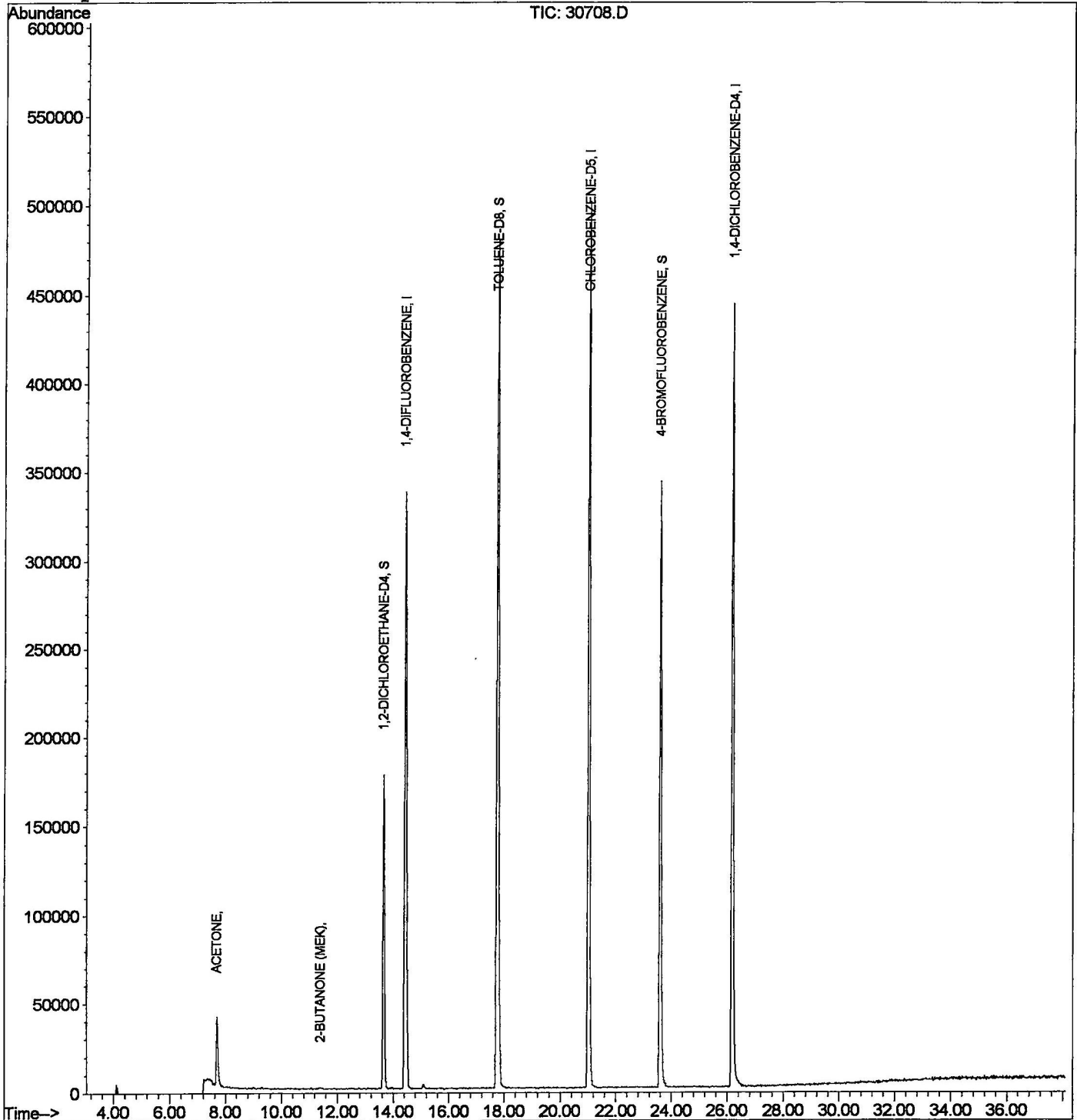
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\30708.D  
 Acq On : 24 Dec 2001 7:26 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 20:07 2001

Vial: 18  
 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\01dec24\30708.D  
 Acq On : 24 Dec 2001 7:26 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

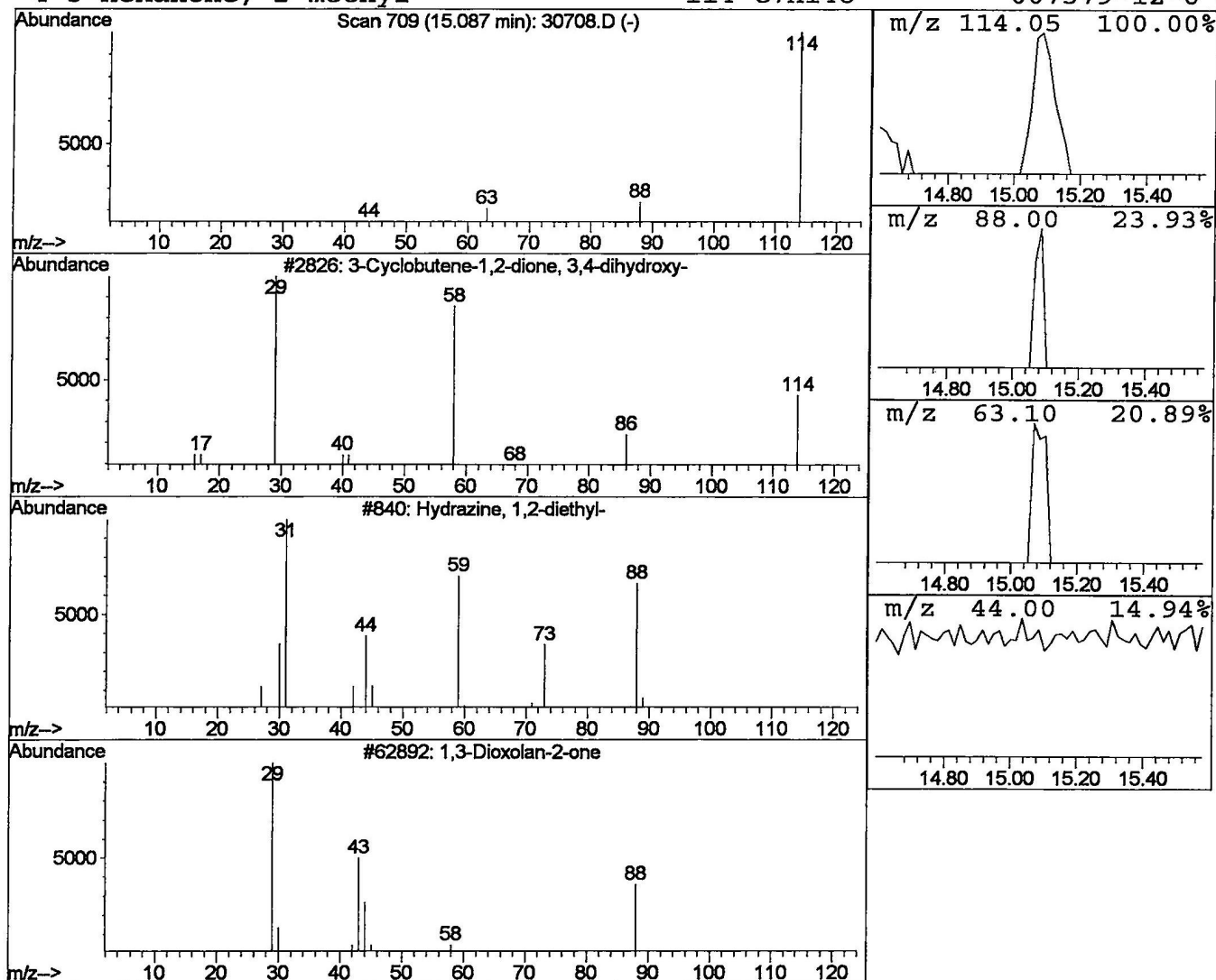
Vial: 18  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

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

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.09 | 0.03 ug/L | 10325 | 1,4-DIFLUOROBENZENE | 14.42 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 3-Cyclobutene-1,2-dione, 3,4-dihydr | 114 | C4H2O4  | 002892-51-5 | 4    |
| 2    |    |   | Hydrazine, 1,2-diethyl-             | 88  | C4H12N2 | 001615-80-1 | 4    |
| 3    |    |   | 1,3-Dioxolan-2-one                  | 88  | C3H4O3  | 000096-49-1 | 4    |
| 4    |    |   | 3-Hexanone, 2-methyl-               | 114 | C7H14O  | 007379-12-6 | 4    |



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/26/2001 Time: 13:41:39

Sample: AD30709  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/24/01 00:08 Ended: 12/24/01 00:08 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30709.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 6.0    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 4.1    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.2    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

REVIEWED BY *AN*DATE *12/28/01*

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:41:39

Sample: AD30709

Analysis: \$524 Volatile Organic Compounds

Units: ug

Started: 12/24/01 00:08 Ended: 12/24/01 00:08 Analyst: BH

Result source: m:\instruments\206\rrfiles\30709.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\01dec24\30709.D  
 Acq On : 24 Dec 2001 8:12 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 20:52 2001

Vial: 19  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

Quant Results File: HP121001.RES

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

| Internal Standards          | R.T.  | QIon | Response | Conc | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|------|---------|----------|
| 1) 1,4-DIFLUOROBENZENE      | 14.42 | 114  | 608535   | 5.00 | ug/L    | 0.07     |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 570851   | 5.00 | ug/L    | 0.07     |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 269531   | 5.00 | ug/L    | 0.08     |
| System Monitoring Compounds |       |      |          |      |         |          |
| 2) 1,2-DICHLOROETHANE-D4    | 13.65 | 65   | 240007   | 5.99 | ug/L    | 0.07     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 119.80% |          |
| 3) 4-BROMOFLUOROBENZENE     | 23.60 | 174  | 190581   | 4.08 | ug/L    | 0.07     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 81.60%  |          |
| 23) TOLUENE-D8              | 17.74 | 98   | 782661   | 5.17 | ug/L    | 0.07     |
| Spiked Amount 5.000         |       |      | Recovery | =    | 103.40% |          |
| Target Compounds            |       |      |          |      |         | Qvalue   |
| 10) ACETONE                 | 7.69  | 43   | 28468    | 6.97 | ug/L    | 99       |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 2470     | 0.34 | ug/L    | 64       |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30709.D HP121001.M Mon Dec 24 20:54:06 2001



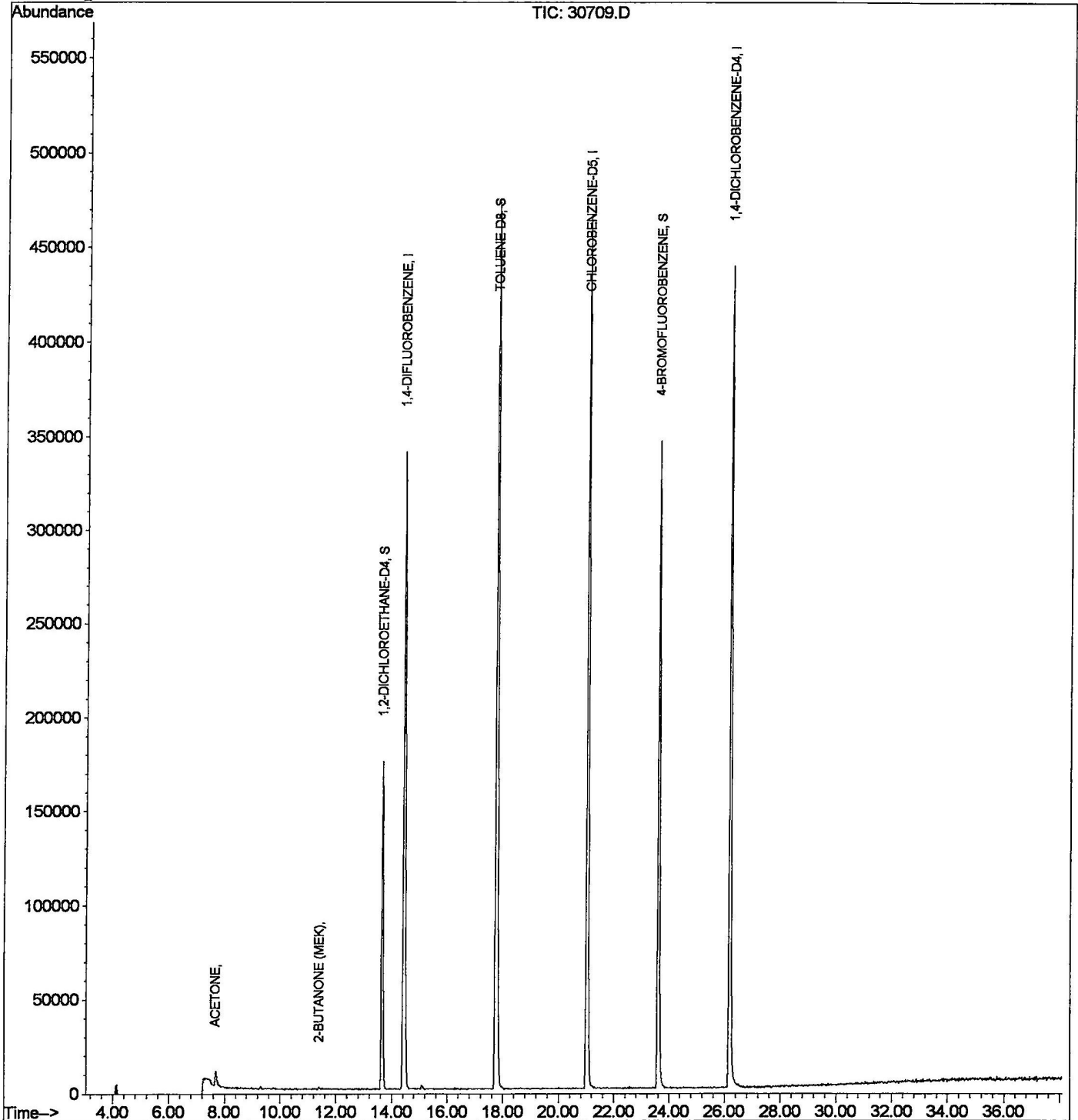
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\30709.D  
 Acq On : 24 Dec 2001 8:12 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 20:52 2001

Vial: 19  
 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

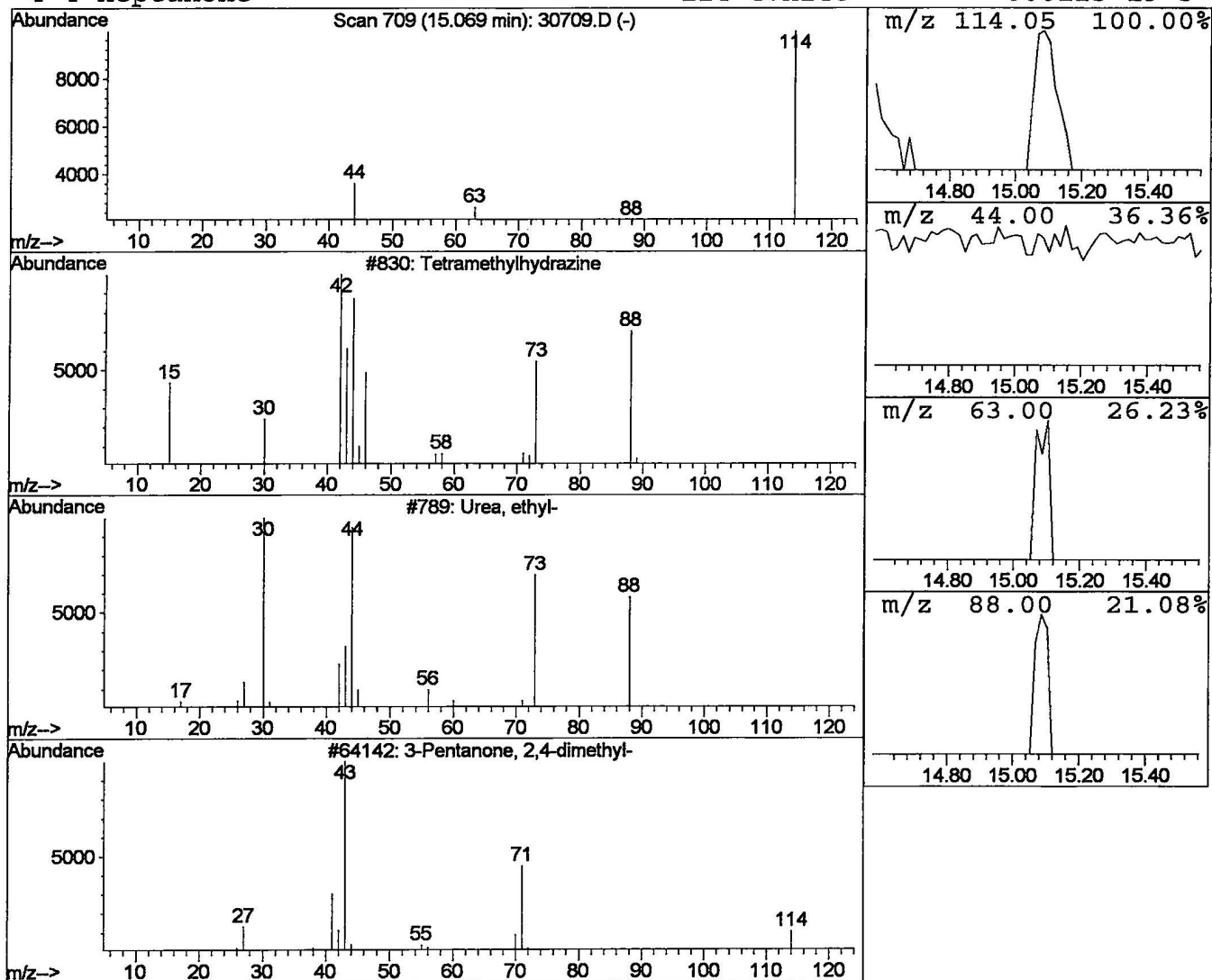
Data File : C:\HPCHEM\1\DATA\01dec24\30709.D  
 Acq On : 24 Dec 2001 8:12 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

Vial: 19  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

\*\*\*\*\*  
 Peak Number 3 Tetramethylhydrazine Concentration Rank 2

| R.T.      | EstConc                    | Area  | Relative to ISTD    | R.T.        |      |
|-----------|----------------------------|-------|---------------------|-------------|------|
| 15.07     | 0.04 ug/L                  | 11385 | 1,4-DIFLUOROBENZENE | 14.42       |      |
| Hit# of 5 | Tentative ID               | MW    | MolForm             | CAS#        | Qual |
| 1         | Tetramethylhydrazine       | 88    | C4H12N2             | 006415-12-9 | 4    |
| 2         | Urea, ethyl-               | 88    | C3H8N2O             | 000625-52-5 | 4    |
| 3         | 3-Pentanone, 2,4-dimethyl- | 114   | C7H14O              | 000565-80-0 | 3    |
| 4         | 4-Heptanone                | 114   | C7H14O              | 000123-19-3 | 3    |



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/26/2001 Time: 13:52:29

Sample: AD30470  
 Analysis: \$C4524 Volatile Organic Compounds-Cal 1  
 Units: ug  
 Started: 12/24/01 00:08 Ended: 12/24/01 00:08 Analyst: BH  
 Result source: manual entry  
 Page: 1

|    | Component Name            | Viol  | Result | Qualifier | MDL |
|----|---------------------------|-------|--------|-----------|-----|
| 1  | Surr_1,2-DICHLOROETHANE-D |       | 5.9    |           | .5  |
| 2  | Surr_4-BROMOFLUOROBENZE   |       | 5.3    |           | .5  |
| 3  | Dichlorodifluoromethane   |       | 8.5    |           | .5  |
| 4  | Chloromethane             | USPEC | 13     |           | .5  |
| 5  | Vinyl chloride            | USPEC | 15     |           | .5  |
| 6  | Bromomethane              |       | 12     |           | .5  |
| 7  | Chloroethane              |       | 13     |           | .5  |
| 8  | Trichlorofluoromethane    |       | 11     |           | .5  |
| 9  | 1,1-Dichloroethene        |       | 10     |           | .5  |
| 10 | Methylene Chloride        |       | 11     |           | .5  |
| 11 | Methyl tert-butyl ether   |       | 8.6    |           | 1.0 |
| 12 | trans-1,2-dichloroethene  |       | 9.4    |           | .5  |
| 13 | 1,1-dichloroethane        |       | 9.7    |           | .5  |
| 14 | 2-butanone (MEK)          |       | 9.0    |           | 2.0 |
| 15 | 2,2-dichloropropane       |       | 8.0    |           | .5  |
| 16 | cis-1,2-dichloroethene    |       | 8.8    |           | .5  |
| 17 | Chloroform                |       | 10     |           | .5  |
| 18 | Bromochloromethane        |       | 10     |           | .5  |
| 19 | 1,2-dichloroethane        |       | 10     |           | .5  |
| 20 | Surr_TOLUENE-D8           |       | 5.0    |           | .5  |
| 21 | 1,1,1- trichloroethane    |       | 10     |           | .5  |
| 22 | 1,1-dichloropropene       |       | 9.7    |           | .5  |
| 23 | Carbon tetrachloride      |       | 11     |           | .5  |
| 24 | Benzene                   |       | 9.2    |           | .5  |
| 25 | Trichloroethene           |       | 9.2    |           | .5  |
| 26 | 1,2-dichloropropane       |       | 9.4    |           | .5  |
| 27 | Dibromomethane            |       | 8.4    |           | .5  |
| 28 | Bromodichloromethane      |       | 10     |           | .5  |
| 29 | Methyl iso-butyl ketone   |       | 8.3    |           | 1.0 |
| 30 | cis-1,3-dichloropropene   |       | 9.1    |           | .5  |
| 31 | Toluene                   |       | 9.0    |           | .5  |
| 32 | trans-1,3-dichloropropene |       | 9.7    |           | .5  |
| 33 | 1,1,2-trichloroethane     |       | 9.3    |           | .5  |
| 34 | Tetrachloroethene         |       | 8.4    |           | .5  |
| 35 | 1,3-dichloropropane       |       | 9.7    |           | .5  |
| 36 | Dibromochloromethane      |       | 9.6    |           | 2.0 |
| 37 | Chlorobenzene             |       | 8.7    |           | .5  |
| 38 | 1,1,1,2-tetrachloroethane |       | 9.3    |           | .5  |
| 39 | Ethylbenzene              |       | 9.1    |           | .5  |
| 40 | P & M-xylene              |       | 18     |           | .5  |
| 41 | O-xylene                  |       | 9.9    |           | .5  |
| 42 | Styrene                   |       | 9.3    |           | .5  |
| 43 | 1,1,2,2-tetrachloroethane |       | 11     |           | .5  |
| 44 | Bromoform                 |       | 8.2    |           | 2.0 |
| 45 | Isopropylbenzene          |       | 7.1    |           | .5  |
| 46 | 1,2,3-trichloropropane    |       | 7.9    |           | .5  |
| 47 | N-propylbenzene           |       | 7.4    |           | .5  |
| 48 | Bromobenzene              |       | 7.5    |           | .5  |

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:52:29

Sample: AD30470  
Analysis: \$C4524 Volatile Organic Compounds-Cal 1  
Units: ug  
Started: 12/24/01 00:08 Ended: 12/24/01 00:08 Analyst: BH  
Result source: manual entry  
Page: 2

|    | Component Name         | Viol | Result | Qualifier | MDL |
|----|------------------------|------|--------|-----------|-----|
| 49 | 1,3,5-trimethylbenzene |      | 7.4    |           | .5  |
| 50 | 2-chlorotoluene        |      | 7.6    |           | .5  |
| 51 | 4-chlorotoluene        |      | 8.0    |           | .5  |
| 52 | TERT-butylbenzene      |      | 7.6    |           | .5  |
| 53 | 1,2,4-trimethylbenzene |      | 7.8    |           | .5  |
| 54 | SEC-butylbenzene       |      | 7.7    |           | .5  |
| 55 | P-isopropyltoluene     |      | 7.6    |           | .5  |
| 56 | 1,3-dichlorobenzene    |      | 8.2    |           | .5  |
| 57 | 1,4-dichlorobenzene    |      | 8.2    |           | .5  |
| 58 | N-butylbenzene         |      | 8.5    |           | .5  |
| 59 | 1,2-dichlorobenzene    |      | 8.8    |           | .5  |
| 60 | 1,2,4-trichlorobenzene |      | 8.8    |           | .5  |
| 61 | Hexachlobutadiene      |      | 7.9    |           | .5  |
| 62 | Naphthalene            |      | 9.4    |           | .5  |
| 63 | 1,2,3-trichlorobenzene |      | 9.0    |           | .5  |

## Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC24\1224C10B.D  
 Acq On : 24 Dec 2001 8:58 pm  
 Sample : cal 10  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 21:38 2001

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

Quant Results File: HP121001.RES

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

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-DIFLUOROBENZENE     | 14.42 | 114  | 624868   | 5.00 | ug/L  | 0.07     |
| 22) CHLOROBENZENE-D5       | 21.03 | 117  | 599245   | 5.00 | ug/L  | 0.07     |
| 50) 1,4-DICHLOROBENZENE-D4 | 26.19 | 152  | 437638   | 5.00 | ug/L  | 0.08     |

## System Monitoring Compounds

|                          |       |     |          |      |         |      |
|--------------------------|-------|-----|----------|------|---------|------|
| 2) 1,2-DICHLOROETHANE-D4 | 13.65 | 65  | 243609   | 5.92 | ug/L    | 0.07 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 118.40% |      |
| 3) 4-BROMOFLUOROBENZENE  | 23.60 | 174 | 253541   | 5.29 | ug/L    | 0.07 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 105.80% |      |
| 23) TOLUENE-D8           | 17.74 | 98  | 800018   | 5.04 | ug/L    | 0.07 |
| Spiked Amount            | 5.000 |     | Recovery | =    | 100.80% |      |

## Target Compounds

|                               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|-------------------------------|-------|------|----------|-------|-------|--------|
| 4) DICHLORODIFLUOROMETHANE    | 4.48  | 85   | 172950   | 8.48  | ug/L  | 98     |
| 5) CHLOROMETHANE              | 5.00  | 50   | 166805   | 13.16 | ug/L  | 97     |
| 6) VINYL CHLORIDE             | 5.17  | 62   | 194951   | 15.46 | ug/L  | 92     |
| 7) BROMOMETHANE               | 6.08  | 94   | 129628   | 11.75 | ug/L  | 97     |
| 8) CHLOROETHANE               | 6.21  | 64   | 109428   | 12.66 | ug/L  | 96     |
| 9) TRICHLOROFLUOROMETHANE     | 6.75  | 101  | 295181   | 10.78 | ug/L  | 98     |
| 10) ACETONE                   | 7.69  | 43   | 43669    | 10.42 | ug/L  | 99     |
| 11) 1,1-DICHLOROETHENE        | 8.03  | 61   | 357309   | 10.06 | ug/L  | 96     |
| 12) METHYLENE CHLORIDE        | 9.00  | 49   | 384455   | 11.17 | ug/L  | 95     |
| 13) METHYL TERT BUTYL ETHER   | 9.29  | 73   | 390113   | 8.59  | ug/L  | 100    |
| 14) TRANS-1,2-DICHLOROETHENE  | 9.65  | 61   | 363119   | 9.43  | ug/L  | 93     |
| 15) 1,1-DICHLOROETHANE        | 10.54 | 63   | 466206   | 9.70  | ug/L  | 99     |
| 16) 2-BUTANONE (MEK)          | 11.35 | 43   | 66417    | 8.97  | ug/L  | 95     |
| 17) 2,2-DICHLOROPROPANE       | 11.73 | 77   | 316498   | 8.00  | ug/L  | 98     |
| 18) CIS-1,2-DICHLOROETHENE    | 11.81 | 96   | 237214   | 8.81  | ug/L  | 94     |
| 19) CHLOROFORM                | 12.16 | 83   | 472050   | 10.30 | ug/L  | 99     |
| 20) BROMOCHLOROMETHANE        | 12.51 | 49   | 226852   | 10.43 | ug/L  | 96     |
| 21) 1,2-DICHLOROETHANE        | 13.86 | 62   | 312721   | 10.14 | ug/L  | 99     |
| 24) 1,1,1-TRICHLOROETHANE     | 13.02 | 97   | 376856   | 10.24 | ug/L  | 98     |
| 25) 1,1-DICHLOROPROPENE       | 13.37 | 75   | 350970   | 9.66  | ug/L  | 98     |
| 26) CARBON TETRACHLORIDE      | 13.60 | 117  | 334352   | 10.68 | ug/L  | 100    |
| 27) BENZENE                   | 13.96 | 78   | 970021   | 9.19  | ug/L  | 98     |
| 28) TRICHLOROETHENE           | 15.22 | 95   | 260786   | 9.22  | ug/L  | 98     |
| 29) 1,2-DICHLOROPROPANE       | 15.56 | 63   | 276241   | 9.39  | ug/L  | 99     |
| 30) DIBROMOMETHANE            | 16.23 | 174  | 87905    | 8.40  | ug/L  | 97     |
| 31) BROMODICHLOROMETHANE      | 16.07 | 83   | 353866   | 10.44 | ug/L  | 100    |
| 32) 2-CHLOROETHYL VINYL ETHER | 16.57 | 63   | 89041    | 8.15  | ug/L  | 100    |
| 33) Methyl iso-butyl ketone   | 16.65 | 58   | 46573    | 8.29  | ug/L  | 98     |

(#) = qualifier out of range (m) = manual integration  
 1224C10B.D HP121001.M Fri Dec 28 12:52:19 2001

## Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01DEC24\1224C10B.D  
 Acq On : 24 Dec 2001 8:58 pm  
 Sample : cal 10  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 24 21:38 2001

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

Quant Results File: HP121001.RES

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

| Compound                       | R.T.  | QIon | Response | Conc   | Unit | Qvalue |
|--------------------------------|-------|------|----------|--------|------|--------|
| 34) CIS-1,3-DICHLOROPROPENE    | 17.16 | 75   | 385628   | 9.09   | ug/L | 98     |
| 35) TOLUENE                    | 17.93 | 91   | 1075036  | 9.02   | ug/L | 99     |
| 36) TRANS-1,3-DICHLOROPROPENE  | 18.20 | 75   | 320253   | 9.72   | ug/L | 99     |
| 37) 1,1,2-TRICHLOROETHANE      | 18.58 | 97   | 152530   | 9.35   | ug/L | 97     |
| 38) TETRACHLOROETHENE          | 19.36 | 166  | 235824   | 8.39   | ug/L | 96     |
| 39) 1,3-DICHLOROPROPANE        | 19.11 | 76   | 305004   | 9.68   | ug/L | 99     |
| 40) DIBROMOCHLOROMETHANE       | 19.79 | 129  | 190524   | 9.61   | ug/L | 99     |
| 41) 1,2-DIBROMOETHANE          | 20.23 | 107  | 141531   | 9.11   | ug/L | 100    |
| 42) CHLOROBENZENE              | 21.12 | 112  | 691690   | 8.73   | ug/L | 98     |
| 43) 1,1,1,2-TETRACHLOROETHANE  | 21.15 | 131  | 241276   | 9.34   | ug/L | 98     |
| 44) 2-HEXANONE                 | 18.49 | 43   | 90921    | 9.69   | ug/L | 99     |
| 45) ETHYLBENZENE               | 21.17 | 91   | 1341813  | 9.14   | ug/L | 98     |
| 46) P & M-XYLENE               | 21.32 | 106  | 985014   | 17.86  | ug/L | 100    |
| 47) O-XYLENE                   | 22.29 | 91   | 1156502  | 9.89   | ug/L | 99     |
| 48) STYRENE                    | 22.34 | 104  | 846660   | 9.31   | ug/L | 98     |
| 49) 1,1,2,2-TETRACHLOROETHANE  | 23.37 | 83   | 191687   | 10.98  | ug/L | 99     |
| 51) BROMOFORM                  | 23.18 | 173  | 108177   | 8.18   | ug/L | 98     |
| 52) ISOPROPYLBENZENE           | 23.01 | 105  | 1358495  | 7.11   | ug/L | 99     |
| 53) 1,2,3-TRICHLOROPROPANE     | 23.69 | 110  | 55379    | 7.95   | ug/L | 95     |
| 54) N-PROPYLBENZENE            | 23.88 | 91   | 1826690  | 7.37   | ug/L | 100    |
| 55) BROMOBENZENE               | 24.10 | 156  | 304642   | 7.48   | ug/L | 96     |
| 56) 1,3,5-TRIMETHYLBENZENE     | 24.20 | 105  | 1215846  | 7.37   | ug/L | 99     |
| 57) 2-CHLOROTOLUENE            | 24.35 | 91   | 1193968  | 7.60   | ug/L | 97     |
| 58) 4-CHLOROTOLUENE            | 24.42 | 91   | 1122605  | 7.98   | ug/L | 99     |
| 59) TERT-BUTYLBENZENE          | 24.98 | 134  | 267452   | 7.58   | ug/L | 99     |
| 60) 1,2,4-TRIMETHYLBENZENE     | 25.07 | 105  | 1328663  | 7.75   | ug/L | 99     |
| 61) SEC-BUTYLBENZENE           | 25.44 | 105  | 1773238  | 7.71   | ug/L | 98     |
| 62) P-ISOPROPYLTOLUENE         | 25.70 | 119  | 1409273  | 7.63   | ug/L | 99     |
| 63) 1,3-DICHLOROBENZENE        | 26.04 | 146  | 726061   | 8.25   | ug/L | 98     |
| 64) 1,4-DICHLOROBENZENE        | 26.26 | 146  | 720906   | 8.19   | ug/L | 99     |
| 65) N-BUTYLBENZENE             | 26.59 | 91   | 1493592  | 8.46   | ug/L | 99     |
| 66) 1,2-DICHLOROBENZENE        | 27.10 | 146  | 636288   | 8.76   | ug/L | 100    |
| 67) 1,2-DIBROMO-3-CHLOROPROPAN | 28.75 | 157  | 33270    | 8.96   | ug/L | 96     |
| 68) NITROBENZENE               | 28.94 | 77   | 278160   | 181.75 | ug/L | 96     |
| 69) 1,2,4-TRICHLOROBENZENE     | 30.69 | 180  | 355781   | 8.84   | ug/L | 99     |
| 70) HEXACHLOROBUTADIENE        | 30.93 | 225  | 192986   | 7.89   | ug/L | 99     |
| 71) NAPHTHALENE                | 31.36 | 128  | 416068   | 9.37   | ug/L | 97     |
| 72) 1,2,3-TRICHLOROBENZENE     | 31.92 | 180  | 266976   | 9.03   | ug/L | 97     |

(#) = qualifier out of range (m) = manual integration  
 1224C10B.D HP121001.M Fri Dec 28 12:52:22 2001

Page 2





User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/26/2001 Time: 13:53:30

Sample: AD30711  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/24/01 00:00 Ended: 12/24/01 00:00 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30711.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 6.1    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 4.0    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.1    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

REVIEWED BY AN  
 DATE 12/28/01



User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:53:30

Sample: AD30711  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/24/01 00:00 Ended: 12/24/01 00:00 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30711.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 |

**Comments for Sample AD30711 - Analysis \$524**

Westchester Dept. of Labs & Research

User: Vannelli, Sandy

Date: 12-28-2001 Time: 12:54:49

ACETONE IS PRESENT IN THIS SAMPLE AT 32 ug/L.

## Quantitation Report

(Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec24\30711.D

Vial: 10

Acq On : 24 Dec 2001 10:34 pm

Operator: 206-BH

Sample : nyc

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Quant Time: Dec 24 23:14 2001

Quant Results File: HP121001.RES

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

Title : VOCs BY EPA METHOD 524

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

Response via : Initial Calibration

DataAcq Meth : HP121001

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) 1,4-DIFLUOROBENZENE      | 14.42 | 114  | 600697   | 5.00  | ug/L    | 0.07      |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 578372   | 5.00  | ug/L    | 0.07      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 268912   | 5.00  | ug/L    | 0.08      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.65 | 65   | 242134   | 6.12  | ug/L    | 0.07      |
| Spiked Amount               | 5.000 |      | Recovery | =     | 122.40% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.60 | 174  | 182842   | 3.97  | ug/L    | 0.07      |
| Spiked Amount               | 5.000 |      | Recovery | =     | 79.40%  |           |
| 23) TOLUENE-D8              | 17.74 | 98   | 783822   | 5.11  | ug/L    | 0.07      |
| Spiked Amount               | 5.000 |      | Recovery | =     | 102.20% |           |
| Target Compounds            |       |      |          |       |         |           |
| 10) ACETONE                 | 7.67  | 43   | 129283   | 32.08 | ug/L    | Qvalue 96 |
| 16) 2-BUTANONE (MEK)        | 11.39 | 43   | 2303     | 0.32  | ug/L    | 64        |

-----  
 (#) = qualifier out of range (m) = manual integration  
 30711.D HP121001.M Mon Dec 24 23:16:05 2001

Page 1

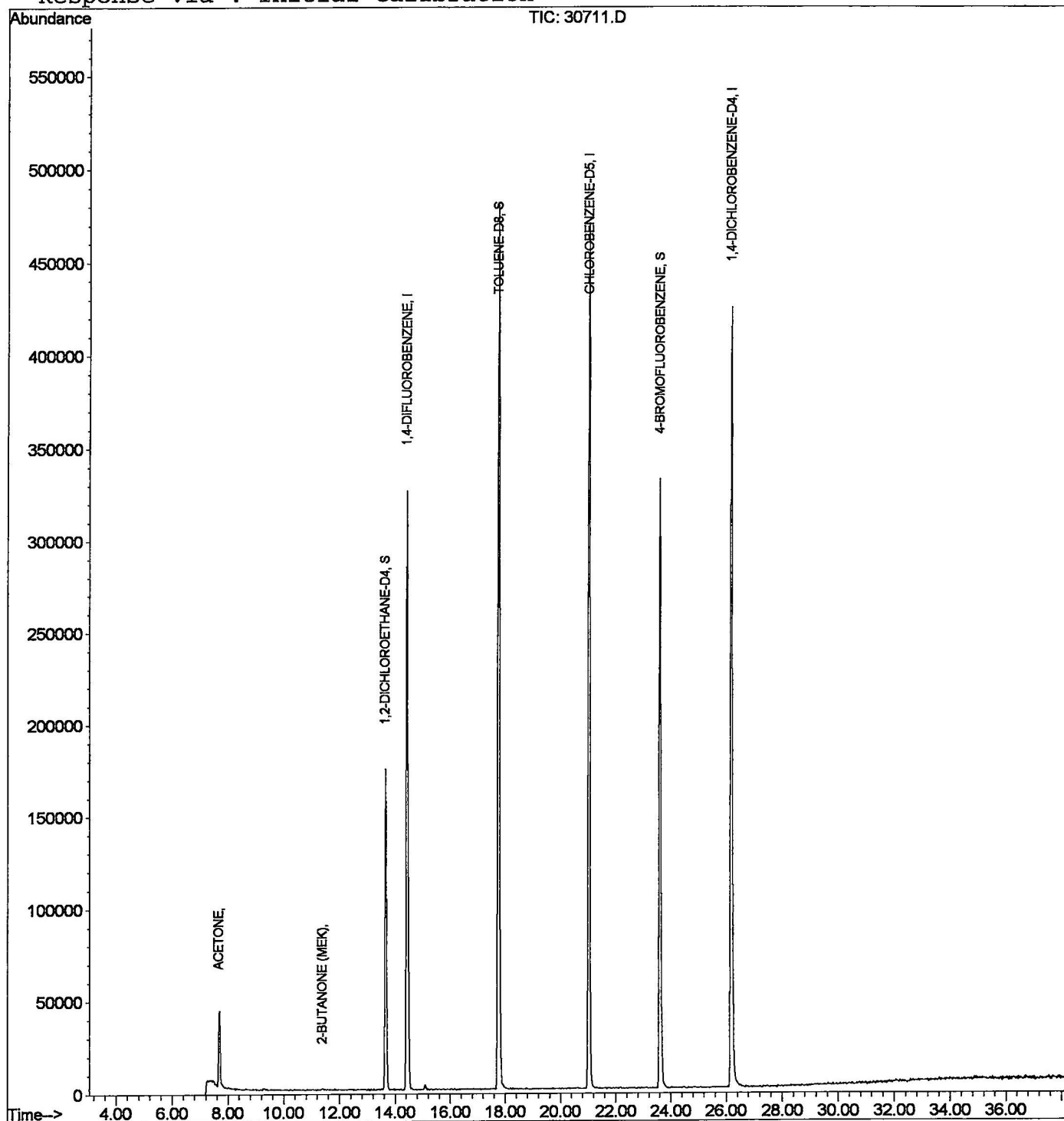
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\30711.D  
Acq On : 24 Dec 2001 10:34 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 24 23:14 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\01dec24\30711.D  
 Acq On : 24 Dec 2001 10:34 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

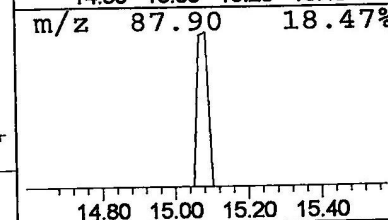
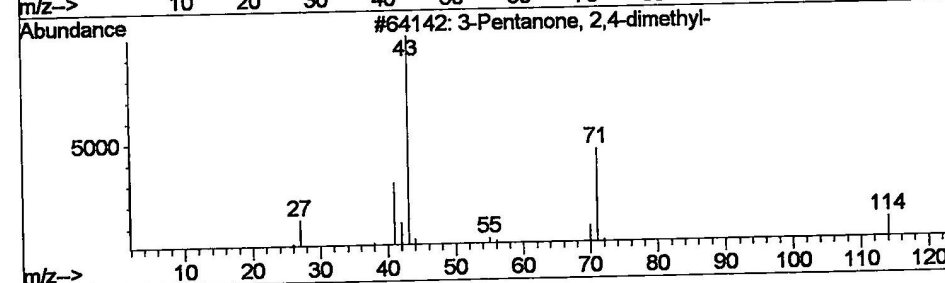
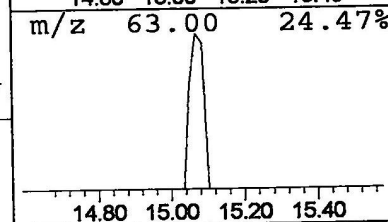
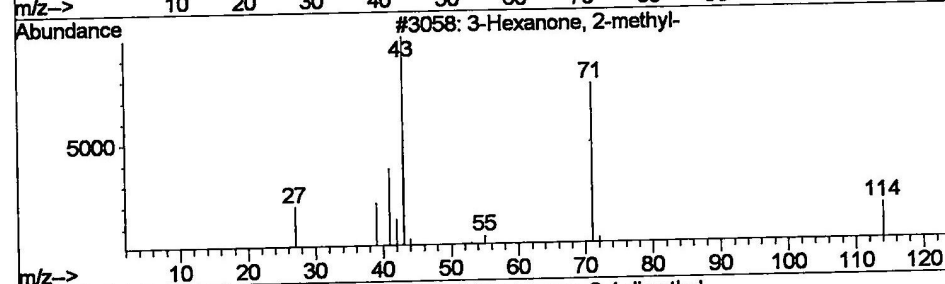
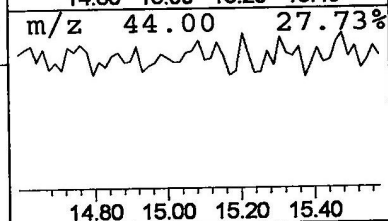
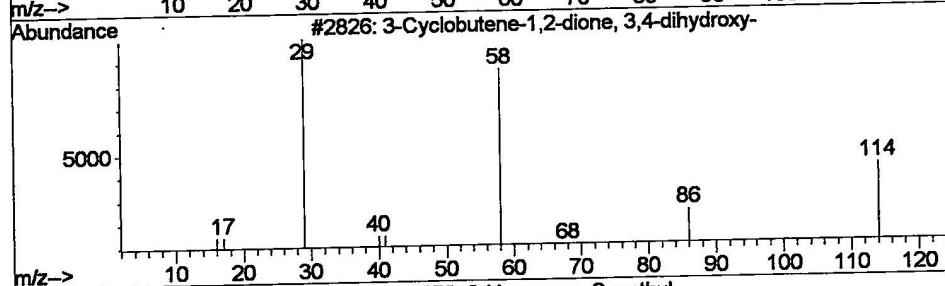
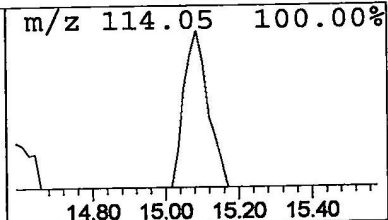
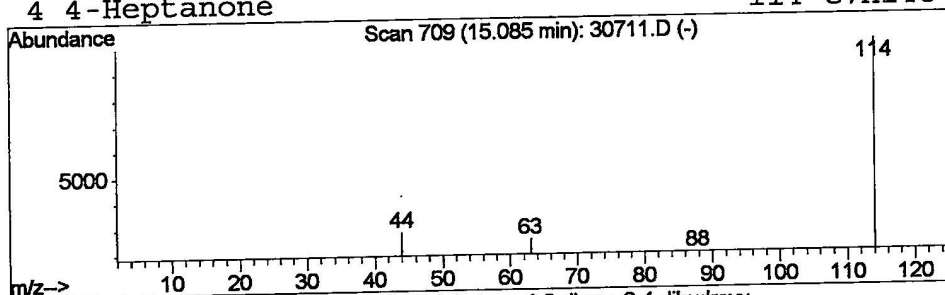
Vial: 10  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

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

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.09 | 0.04 ug/L | 12293 | 1,4-DIFLUOROBENZENE | 14.42 |

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



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/26/2001 Time: 13:54:07

Sample: AD30712  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/24/01 00:01 Ended: 12/24/01 00:01 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30712.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 6.2    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 4.0    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-D8              |      | 5.1    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

REVIEWED BY AV  
 DATE 12/28/01

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:54:07

Sample: AD30712  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/24/01 00:01 Ended: 12/24/01 00:01 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30712.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 |

**Comments for Sample AD30712 - Analysis \$524**

Westchester Dept. of Labs & Research  
User: Vannelli, Sandy  
Date: 12-28-2001 Time: 12:55:07

ACETONE IS PRESENT IN THIS SAMPLE AT 26 ug/L.



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\01dec24\30712.D Vial: 11  
 Acq On : 24 Dec 2001 11:20 pm Operator: 206-BH  
 Sample : nyc Inst : GC/MS Ins  
 Misc : Multiplr: 1.00  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 25 0:00 2001 Quant Results File: HP121001.RES

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

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) 1,4-DIFLUOROBENZENE      | 14.42 | 114  | 588450   | 5.00  | ug/L    | 0.07      |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 567006   | 5.00  | ug/L    | 0.07      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 262893   | 5.00  | ug/L    | 0.09      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.66 | 65   | 240068   | 6.19  | ug/L    | 0.07      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 123.80% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.60 | 174  | 180352   | 3.99  | ug/L    | 0.07      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 79.80%  |           |
| 23) TOLUENE-D8              | 17.74 | 98   | 766441   | 5.10  | ug/L    | 0.07      |
| Spiked Amount 5.000         |       |      | Recovery | =     | 102.00% |           |
| Target Compounds            |       |      |          |       |         |           |
| 10) ACETONE                 | 7.69  | 43   | 102884   | 26.06 | ug/L    | Qvalue 97 |
| 16) 2-BUTANONE (MEK)        | 11.39 | 43   | 2377     | 0.34  | ug/L    | 64        |

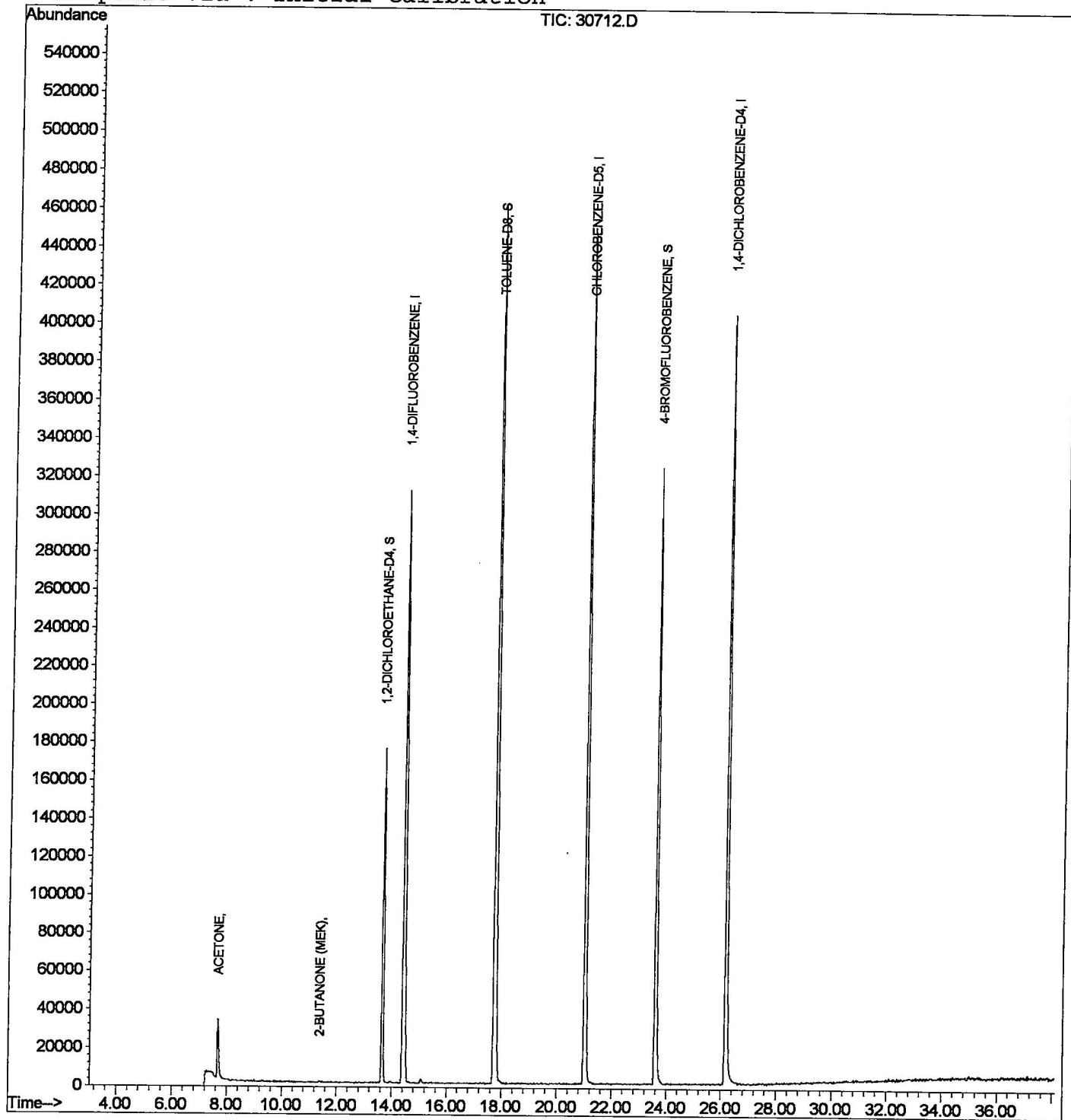
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\30712.D  
Acq On : 24 Dec 2001 11:20 pm  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 25 0:00 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



30712.D HP121001.M

Tue Dec 25 00:02:42 2001

Page 2

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\01dec24\30712.D  
 Acq On : 24 Dec 2001 11:20 pm  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

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

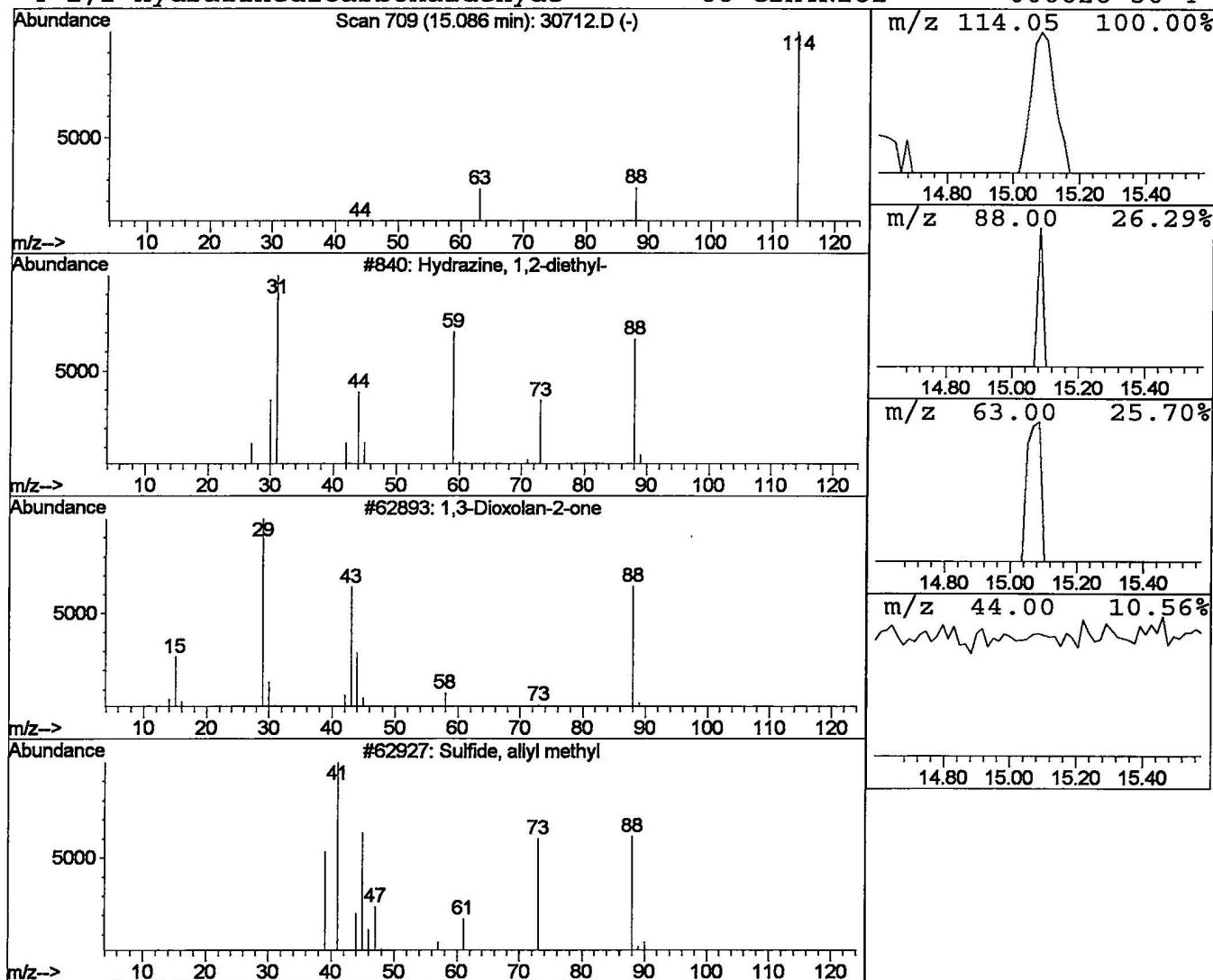
Quant Method : C:\HPCHEM\1\METHODS\HP121001.M (RTE Integrator)  
 Title : VOCs BY EPA METHOD 524  
 Library : C:\DATABASE\NBS75K.L

\*\*\*\*\*  
 Peak Number 2 Hydrazine, 1,2-diethyl- Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.09 | 0.04 ug/L | 10460 | 1,4-DIFLUOROBENZENE | 14.42 |

| 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    |    | Sulfide, allyl methyl         | 88 | C4H8S    | 010152-76-8 | 4    |
| 4    |    | 1,2-Hydrazinedicarboxaldehyde | 88 | C2H4N2O2 | 000628-36-4 | 4    |



User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/26/2001 Time: 13:54:40

Sample: AD30713  
 Analysis: \$524 Volatile Organic Compounds  
 Units: ug  
 Started: 12/25/01 00:02 Ended: 12/25/01 00:02 Analyst: BH  
 Result source: m:\instruments\206\rrfiles\30713.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr - 1,2-DICHLOROETHANE-     |      | 6.1    |           | 0.5 |
| 2  | Surr - 4-BROMOFLUOROBENZ       |      | 4.0    |           | 0.5 |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | 0.5 |
| 4  | Chloromethane                  |      | < MDL  |           | 0.5 |
| 5  | Vinyl chloride                 |      | < MDL  |           | 0.5 |
| 6  | Bromomethane                   |      | < MDL  |           | 0.5 |
| 7  | Chloroethane                   |      | < MDL  |           | 0.5 |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | 0.5 |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | 0.5 |
| 10 | Methylene Chloride             |      | < MDL  |           | 0.5 |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | 0.5 |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | 0.5 |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | 0.5 |
| 17 | *THM-Chloroform                |      | < MDL  |           | 0.5 |
| 18 | Bromochloromethane             |      | < MDL  |           | 0.5 |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | 0.5 |
| 20 | Surr - TOLUENE-DB              |      | 5.2    |           | 0.5 |
| 21 | 1,1,1- trichloroethane         |      | < MDL  |           | 0.5 |
| 22 | 1,1-dichloropropene            |      | < MDL  |           | 0.5 |
| 23 | Carbon tetrachloride           |      | < MDL  |           | 0.5 |
| 24 | Benzene                        |      | < MDL  |           | 0.5 |
| 25 | Trichloroethene                |      | < MDL  |           | 0.5 |
| 26 | 1,2-dichloropropane            |      | < MDL  |           | 0.5 |
| 27 | Dibromomethane                 |      | < MDL  |           | 0.5 |
| 28 | *THM-Bromodichloromethane      |      | < MDL  |           | 0.5 |
| 29 | Methyl iso-butyl ketone (MIBK) |      | < MDL  |           | 1.0 |
| 30 | cis-1,3-dichloropropene        |      | < MDL  |           | 0.5 |
| 31 | Toluene                        |      | < MDL  |           | 0.5 |
| 32 | trans-1,3-dichloropropene      |      | < MDL  |           | 0.5 |
| 33 | 1,1,2-trichloroethane          |      | < MDL  |           | 0.5 |
| 34 | Tetrachloroethene              |      | < MDL  |           | 0.5 |
| 35 | 1,3-dichloropropane            |      | < MDL  |           | 0.5 |
| 36 | *THM-Dibromochloromethane      |      | < MDL  |           | 2.0 |
| 37 | Chlorobenzene                  |      | < MDL  |           | 0.5 |
| 38 | 1,1,1,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 39 | Ethylbenzene                   |      | < MDL  |           | 0.5 |
| 40 | P & M-xylene                   |      | < MDL  |           | 0.5 |
| 41 | O-xylene                       |      | < MDL  |           | 0.5 |
| 42 | Styrene                        |      | < MDL  |           | 0.5 |
| 43 | 1,1,2,2-tetrachloroethane      |      | < MDL  |           | 0.5 |
| 44 | *THM-Bromoform                 |      | < MDL  |           | 2.0 |
| 45 | Isopropylbenzene               |      | < MDL  |           | 0.5 |
| 46 | 1,2,3-trichloropropane         |      | < MDL  |           | 0.5 |
| 47 | N-propylbenzene                |      | < MDL  |           | 0.5 |
| 48 | Bromobenzene                   |      | < MDL  |           | 0.5 |

REVIEWED BY SV  
 DATE 12/28/01

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:54:40

Sample: AD30713  
Analysis: \$524 Volatile Organic Compounds  
Units: ug  
Started: 12/25/01 00:02 Ended: 12/25/01 00:02 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30713.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\01dec24\30713.D  
 Acq On : 25 Dec 2001 12:06 am  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 25 0:46 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      | 14.42 | 114  | 579705   | 5.00 | ug/L    | 0.07      |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 546938   | 5.00 | ug/L    | 0.07      |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.19 | 152  | 256347   | 5.00 | ug/L    | 0.08      |
| System Monitoring Compounds |       |      |          |      |         |           |
| 2) 1,2-DICHLOROETHANE-D4    | 13.65 | 65   | 233630   | 6.12 | ug/L    | 0.07      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 122.40% |           |
| 3) 4-BROMOFLUOROBENZENE     | 23.60 | 174  | 176299   | 3.96 | ug/L    | 0.07      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 79.20%  |           |
| 23) TOLUENE-D8              | 17.74 | 98   | 752079   | 5.19 | ug/L    | 0.07      |
| Spiked Amount 5.000         |       |      | Recovery | =    | 103.80% |           |
| Target Compounds            |       |      |          |      |         |           |
| 10) ACETONE                 | 7.69  | 43   | 21659    | 5.57 | ug/L    | Qvalue 94 |
| 16) 2-BUTANONE (MEK)        | 11.39 | 43   | 2879     | 0.42 | ug/L    | 64        |

(#) = qualifier out of range (m) = manual integration  
 30713.D HP121001.M Tue Dec 25 00:47:23 2001

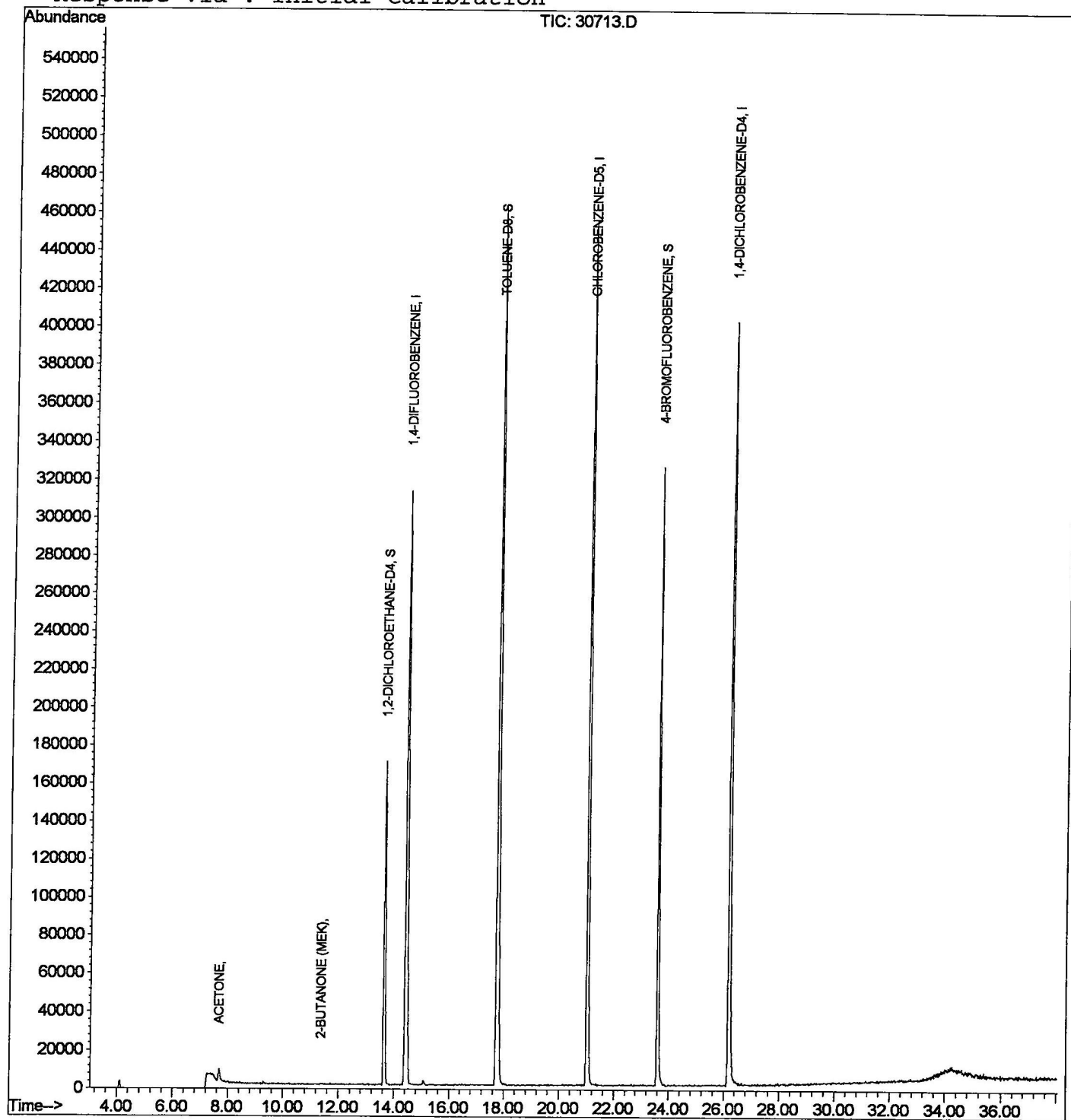
## Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\30713.D  
Acq On : 25 Dec 2001 12:06 am  
Sample : nyc  
Misc :  
MS Integration Params: LSCINT.P  
Quant Time: Dec 25 0:46 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\01dec24\30713.D  
 Acq On : 25 Dec 2001 12:06 am  
 Sample : nyc  
 Misc :  
 MS Integration Params: LSCINT.P

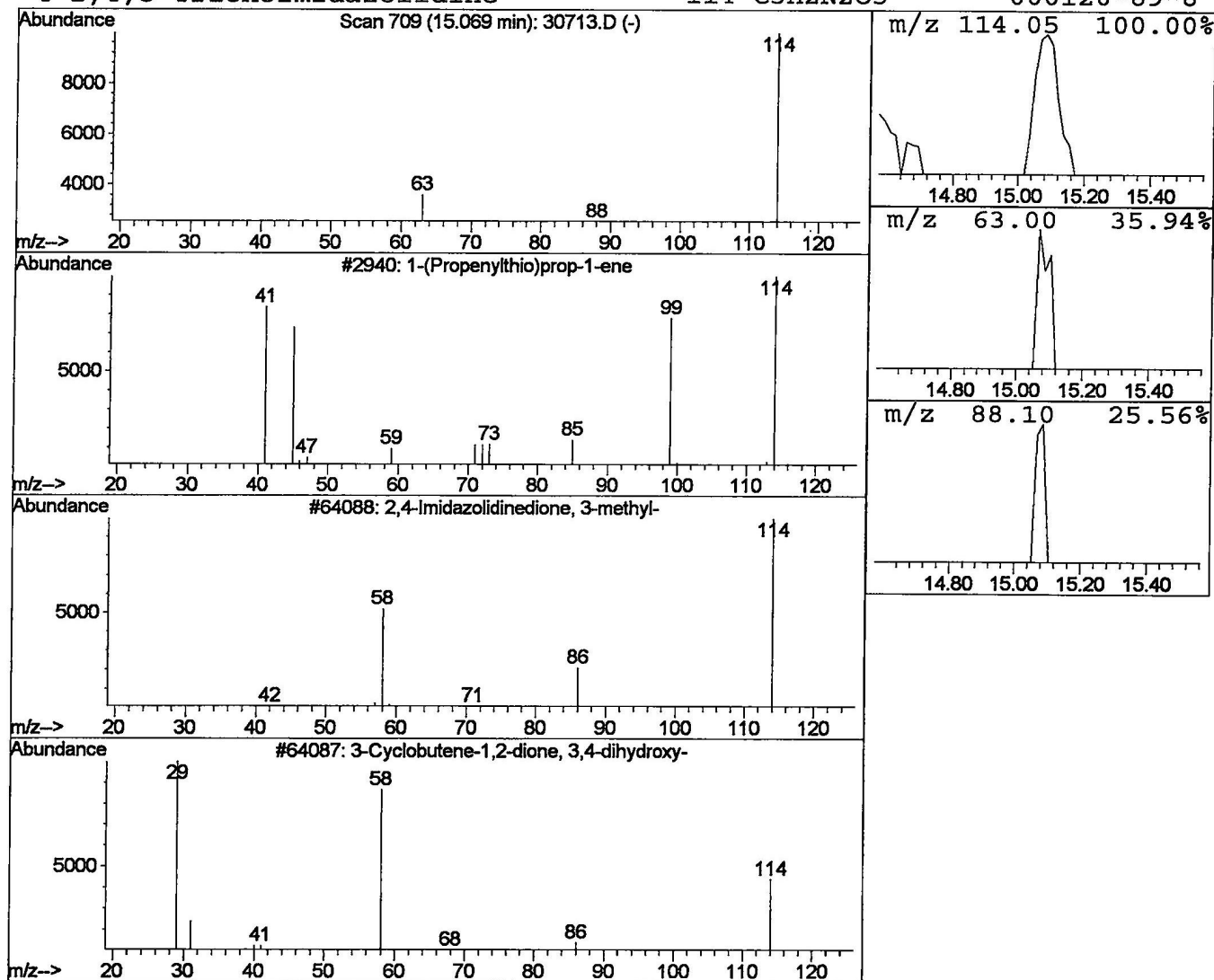
Vial: 12  
 Operator: 206-BH  
 Inst : GC/MS Ins  
 Multiplr: 1.00

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

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 Peak Number 3 1-(Propenylthio)prop-1-ene Concentration Rank 4

| R.T.  | EstConc   | Area | Relative to ISTD    | R.T.  |
|-------|-----------|------|---------------------|-------|
| 15.07 | 0.03 ug/L | 8821 | 1,4-DIFLUOROBENZENE | 14.42 |

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





User: Huhn, William  
 Westchester Dept. of Labs & Research  
 Date: 12/26/2001 Time: 13:55:00

Sample: AD30713  
 Analysis: \$F\_524 Volatile Organic Compounds-Field Blank  
 Units: ug  
 Started: 12/25/01 00:02 Ended: 12/25/01 00:02 Analyst: BH  
 Result source: m:\instruments\208\rrfiles\30713f.rr  
 Page: 1

|    | Component Name                 | Viol | Result | Qualifier | MDL |
|----|--------------------------------|------|--------|-----------|-----|
| 1  | Surr_1,2-DICHLOROETHANE-D      |      | 6.1    |           | .5  |
| 2  | Surr_4-BROMOFLUOROBENZE        |      | 3.9    |           | .5  |
| 3  | Dichlorodifluoromethane        |      | < MDL  |           | .5  |
| 4  | Chloromethane                  |      | < MDL  |           | .5  |
| 5  | Vinyl chloride                 |      | < MDL  |           | .5  |
| 6  | Bromomethane                   |      | < MDL  |           | .5  |
| 7  | Chloroethane                   |      | < MDL  |           | .5  |
| 8  | Trichlorofluoromethane         |      | < MDL  |           | .5  |
| 9  | 1,1-Dichloroethene             |      | < MDL  |           | .5  |
| 10 | Methylene Chloride             |      | < MDL  |           | .5  |
| 11 | Methyl tert-butyl ether (MTBE) |      | < MDL  |           | 1.0 |
| 12 | trans-1,2-dichloroethene       |      | < MDL  |           | .5  |
| 13 | 1,1-dichloroethane             |      | < MDL  |           | .5  |
| 14 | 2-butanone (MEK)               |      | < MDL  |           | 2.0 |
| 15 | 2,2-dichloropropane            |      | < MDL  |           | .5  |
| 16 | cis-1,2-dichloroethene         |      | < MDL  |           | .5  |
| 17 | Chloroform                     |      | < MDL  |           | .5  |
| 18 | Bromochloromethane             |      | < MDL  |           | .5  |
| 19 | 1,2-dichloroethane             |      | < MDL  |           | .5  |
| 20 | Surr_TOLUENE-D8                |      | 5.1    |           | .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 - 75*

User: Huhn, William  
Westchester Dept. of Labs & Research  
Date: 12/26/2001 Time: 13:55:00

Sample: AD30713  
Analysis: \$F\_524 Volatile Organic Compounds-Field Blank  
Units: ug  
Started: 12/25/01 00:02 Ended: 12/25/01 00:02 Analyst: BH  
Result source: m:\instruments\206\rrfiles\30713f.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\01dec24\30713F.D  
 Acq On : 25 Dec 2001 12:53 am  
 Sample : nyc fb  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 25 1:33 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      | 14.42 | 114  | 572002   | 5.00  | ug/L    | 0.07     |
| 22) CHLOROBENZENE-D5        | 21.03 | 117  | 541889   | 5.00  | ug/L    | 0.07     |
| 50) 1,4-DICHLOROBENZENE-D4  | 26.20 | 152  | 252675   | 5.00  | ug/L    | 0.09     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 2) 1,2-DICHLOROETHANE-D4    | 13.66 | 65   | 231294   | 6.14  | ug/L    | 0.07     |
| Spiked Amount 5.000         |       |      | Recovery | =     | 122.80% |          |
| 3) 4-BROMOFLUOROBENZENE     | 23.61 | 174  | 173253   | 3.95  | ug/L    | 0.07     |
| Spiked Amount 5.000         |       |      | Recovery | =     | 79.00%  |          |
| 23) TOLUENE-D8              | 17.74 | 98   | 729698   | 5.08  | ug/L    | 0.07     |
| Spiked Amount 5.000         |       |      | Recovery | =     | 101.60% |          |
| Target Compounds            |       |      |          |       |         |          |
| 10) ACETONE                 | 7.67  | 43   | 288132   | 75.09 | ug/L    | 97       |
| 12) METHYLENE CHLORIDE      | 9.00  | 49   | 9226     | 0.29  | ug/L    | 94       |
| 16) 2-BUTANONE (MEK)        | 11.41 | 43   | 1636     | 0.24  | ug/L    | 64       |

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 (#) = qualifier out of range (m) = manual integration  
 30713F.D HP121001.M Tue Dec 25 01:34:59 2001

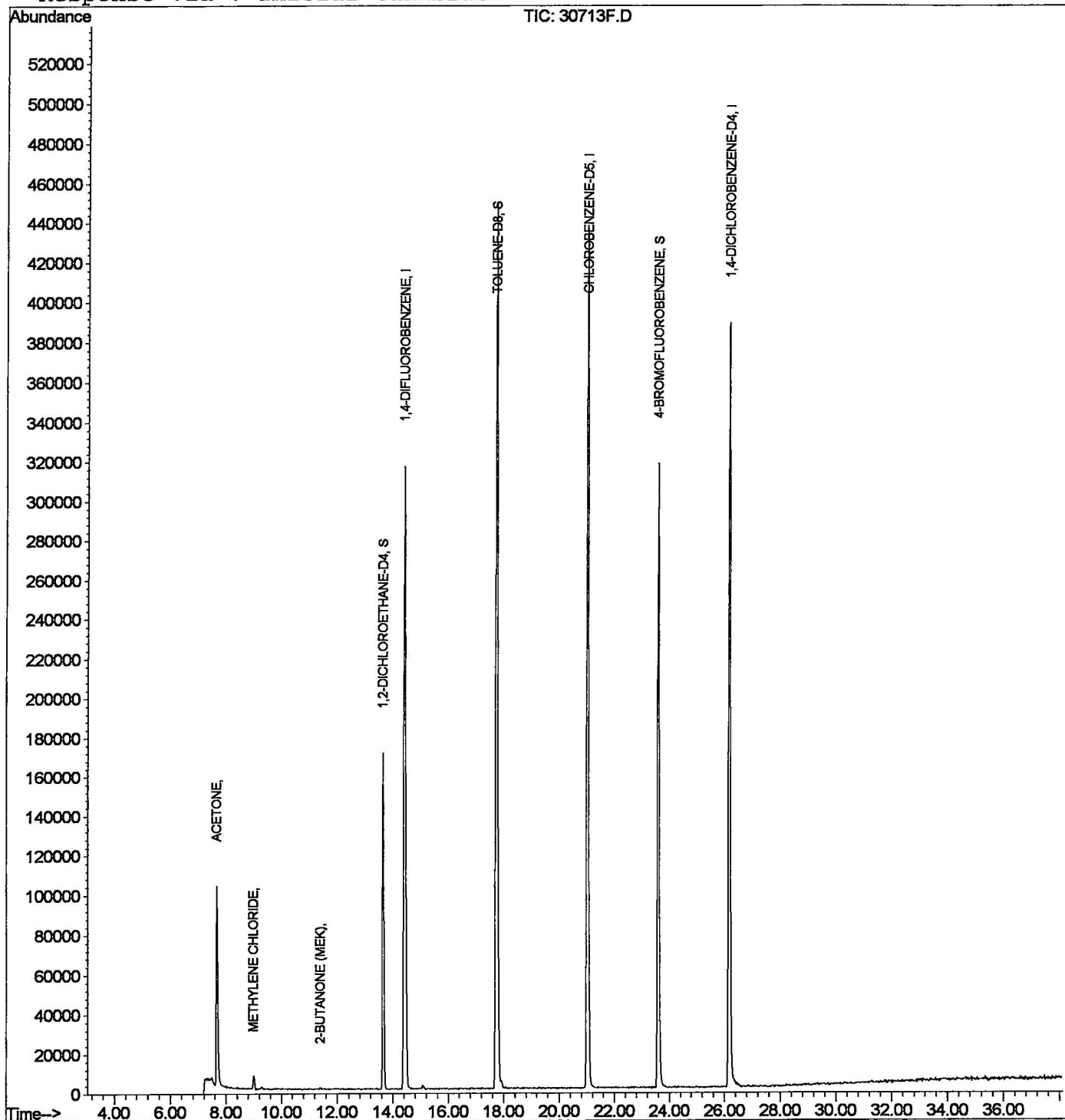
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\01dec24\30713F.D  
 Acq On : 25 Dec 2001 12:53 am  
 Sample : nyc fb  
 Misc :  
 MS Integration Params: LSCINT.P  
 Quant Time: Dec 25 1:33 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\01dec24\30713F.D  
 Acq On : 25 Dec 2001 12:53 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

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 Peak Number 3 1-(Propenylthio)prop-1-ene Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 15.07 | 0.04 ug/L | 10278 | 1,4-DIFLUOROBENZENE | 14.42 |

| 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    |    |   | 3-Cyclobutene-1,2-dione, 3,4-dihydr | 114 | C4H2O4   | 002892-51-5 | 2    |
| 4    |    |   | 2-Pentenoic acid, methyl ester      | 114 | C6H10O2  | 000818-59-7 | 2    |

