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**Comments for Sample AD29517 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 15:12:36

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for the Surrogate Standard in this sample was below its acceptance range. This sample will be re-extracted and re-analyzed.

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User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 15:11:42

Sample: AD29517
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/4/02 15:11 Ended: 1/4/02 15:11 Analyst: DLV
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Sum 3,4-DMO | ESPEC | 6.4 | | 6.4 |

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\29517.D Vial: 9
Acq On : 13 Dec 2001 5:41 pm Operator: 209 GALOS
Sample : gcms scan 12/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 12:53 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 11.68 | 152 | 1170234 | 20.00 | ug/l | -0.02 |
| 10) Naphthalene-d8 | 15.27 | 136 | 4451619 | 20.00 | ug/l | -0.03 |
| 17) Acenaphthene-d10 | 20.55 | 164 | 2166488 | 20.00 | ug/l | -0.02 |
| 29) Phenanthrene-d10 | 24.98 | 188 | 3180779 | 20.00 | ug/l | -0.01 |
| 38) Chrysene-d12 | 33.01 | 240 | 2111609 | 20.00 | ug/l | -0.02 |
| 44) Perylene-d12 | 37.10 | 264 | 1455313 | 20.00 | ug/l | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 30.05 | 235 | 147295 | 3.20 | ug/mL | -0.02 |
| Spiked Amount 5.000 | | | Recovery = 64.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 5.15 | 74 | 357 | N.D. | | |
| 3) bis(2-Chloroethyl)ether | 11.12 | 93 | 102 | N.D. | | |
| 4) 1,3-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 5) 1,4-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 6) 1,2-Dichlorobenzene | 0.00 | 146 | 0 | N.D. | | |
| 7) 2,2'-oxybis(1-Chloropropan | 0.00 | 45 | 0 | N.D. | | |
| 8) N-Nitroso-di-n-propylamine | 0.00 | 70 | 0 | N.D. | | |
| 9) Hexachloroethane | 0.00 | 117 | 0 | N.D. | | |
| 11) Nitrobenzene | 0.00 | 77 | 0 | N.D. | | |
| 12) Isophorone | 0.00 | 82 | 0 | N.D. | | |
| 13) bis(2-Chloroethoxy)methane | 0.00 | 93 | 0 | N.D. | | |
| 14) 1,2,4-Trichlorobenzene | 0.00 | 180 | 0 | N.D. | | |
| 15) Naphthalene | 15.33 | 128 | 2389 | N.D. | | |
| 16) Hexachlorobutadiene | 0.00 | 225 | 0 | N.D. | | |
| 18) Hexachlorocyclopentadiene | 0.00 | 237 | 0 | N.D. | | |
| 19) 2-Chloronaphthalene | 0.00 | 162 | 0 | N.D. | | |
| 20) Dimethylphthalate | 0.00 | 163 | 0 | N.D. | | |
| 21) 2,6-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | d | |
| 22) Acenaphthylene | 0.00 | 152 | 0 | N.D. | | |
| 23) Acenaphthene | 0.00 | 153 | 0 | N.D. | | |
| 24) 2,4-Dinitrotoluene | 21.20 | 165 | 193 | N.D. | | |
| 25) Diethylphthalate | 22.08 | 149 | 2026 | N.D. | | |
| 26) 4-Chlorophenyl-phenylether | 0.00 | 204 | 0 | N.D. | | |
| 27) Fluorene | 0.00 | 166 | 0 | N.D. | | |
| 28) Azobenzen/ 1,2-Diphenylhyd | 22.71 | 77 | 177 | N.D. | | |

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



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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\29517.D Vial: 9
Acq On : 13 Dec 2001 5:41 pm Operator: 209 GALOS
Sample : gcms scan 12/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 12:53 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 0.00 | 168 | 0 | N.D. | |
| 31) | 4-Bromophenyl-phenylether | 0.00 | 248 | 0 | N.D. | |
| 32) | Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | |
| 33) | Phenanthrene | 25.03 | 178 | 1116 | N.D. | |
| 34) | Anthracene | 25.03 | 178 | 1116 | N.D. | |
| 35) | Di-n-butylphthalate | 26.99 | 149 | 10675 | N.D. | |
| 36) | Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 39) | Pyrene | 29.35 | 202 | 183 | N.D. | |
| 40) | Butylbenzylphthalate | 31.50 | 149 | 106 | N.D. | |
| 41) | Benzo(a)anthracene | 33.01 | 228 | 5581 | N.D. | |
| 42) | Bis(2-ethylhexyl)phthalate | 33.29 | 149 | 13000 | N.D. | |
| 43) | Chrysene | 33.01 | 228 | 5581 | N.D. | |
| 45) | Di-n-Octylphthalate | 0.00 | 149 | 0 | N.D. | |
| 46) | Benzo(b)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 47) | Benzo(k)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 48) | Benzo(a)pyrene | 37.10 | 252 | 5753 | N.D. | |
| 49) | Indeno(1,2,3-cd)pyrene | 0.00 | 276 | 0 | N.D. | |
| 50) | Dibenz(a,h)anthracene | 0.00 | 278 | 0 | N.D. | |
| 51) | Benzo(g,h,i)perylene | 0.00 | 276 | 0 | N.D. | |

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



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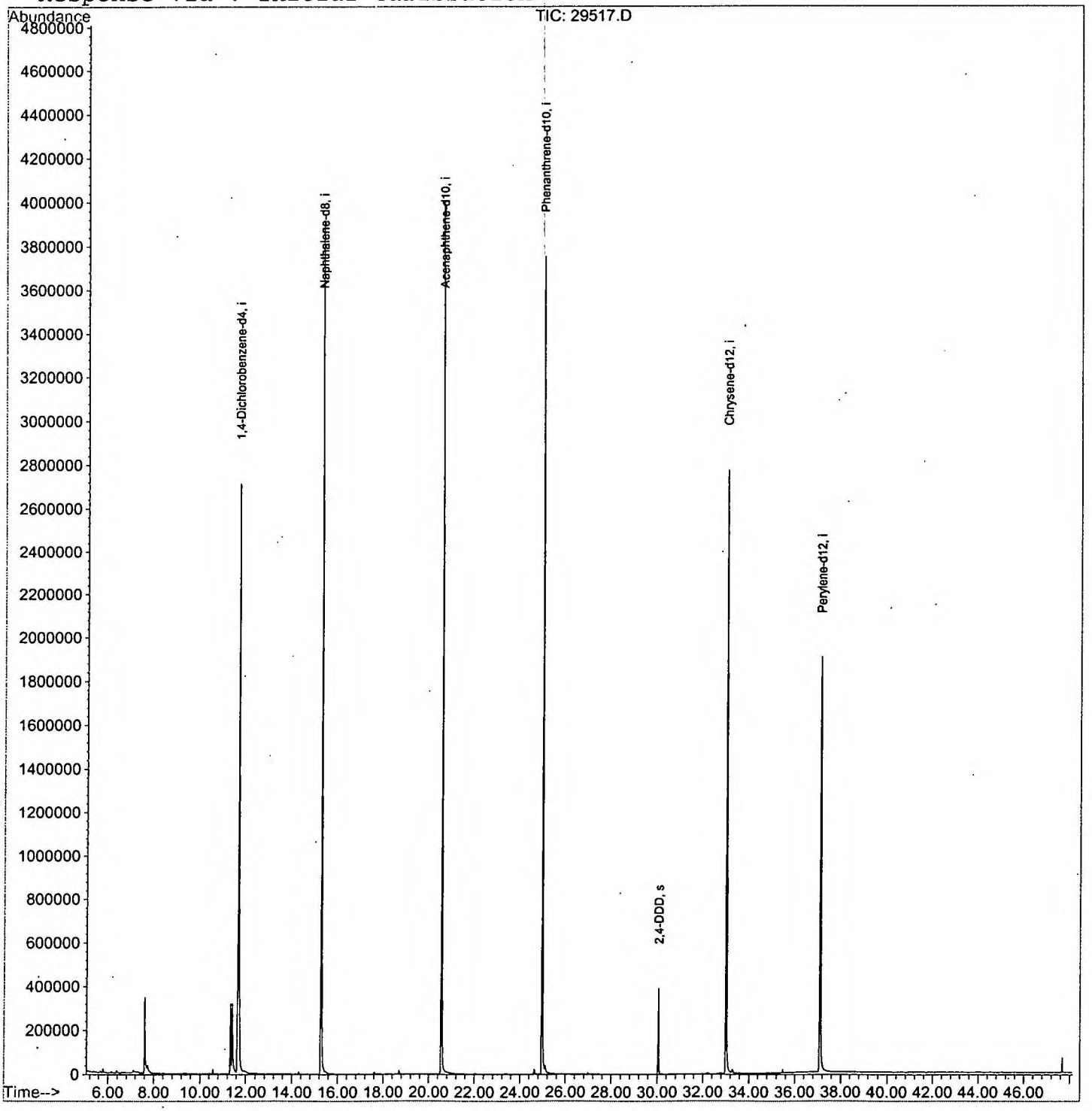
# Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29517.D
Acq On : 13 Dec 2001 5:41 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 27 12:53 2001

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration



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# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29517.D  Vial: 9
Acq On : 13 Dec 2001 5:41 pm  Operator: 209 GALOS
Sample : gcms scan 12/6  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF  Filtering: 5
Sampling : 1  Min Area: 1 % of largest Peak
Start Thrs: 0.2  Max Peaks: 100
Stop Thrs : 0  Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.599 | 274 | 278 | 290 | rBV | 345276 | 857234 | 9.59% | 1.758% |
| 2 | 7.737 | 290 | 293 | 311 | rVB | 36537 | 141647 | 1.58% | 0.291% |
| 3 | 11.335 | 680 | 685 | 690 | rBV | 316189 | 681917 | 7.63% | 1.399% |
| 4 | 11.418 | 690 | 694 | 713 | rVV | 315758 | 857441 | 9.59% | 1.759% |
| 5 | 11.666 | 713 | 721 | 744 | rVV2 | 2705157 | 7451696 | 83.33% | 15.284% |
| 6 | 15.274 | 1108 | 1114 | 1133 | rBV | 3906571 | 8475565 | 94.78% | 17.384% |
| 7 | 20.552 | 1682 | 1689 | 1711 | rBV | 4007231 | 8942558 | 100.00% | 18.342% |
| 8 | 24.977 | 2164 | 2171 | 2183 | rBV2 | 3752032 | 8503469 | 95.09% | 17.441% |
| 9 | 25.124 | 2183 | 2187 | 2201 | rVB2 | 34215 | 122086 | 1.37% | 0.250% |
| 10 | 30.054 | 2718 | 2724 | 2730 | rBV | 388926 | 793040 | 8.87% | 1.627% |
| 11 | 33.010 | 3038 | 3046 | 3065 | rBV2 | 2773607 | 6653018 | 74.40% | 13.646% |
| 12 | 37.105 | 3484 | 3492 | 3512 | rBV | 1898207 | 5275995 | 59.00% | 10.821% |

Sum of corrected areas: 48755666

29517.D GCMS1126.M Fri Dec 21 13:11:35 2001

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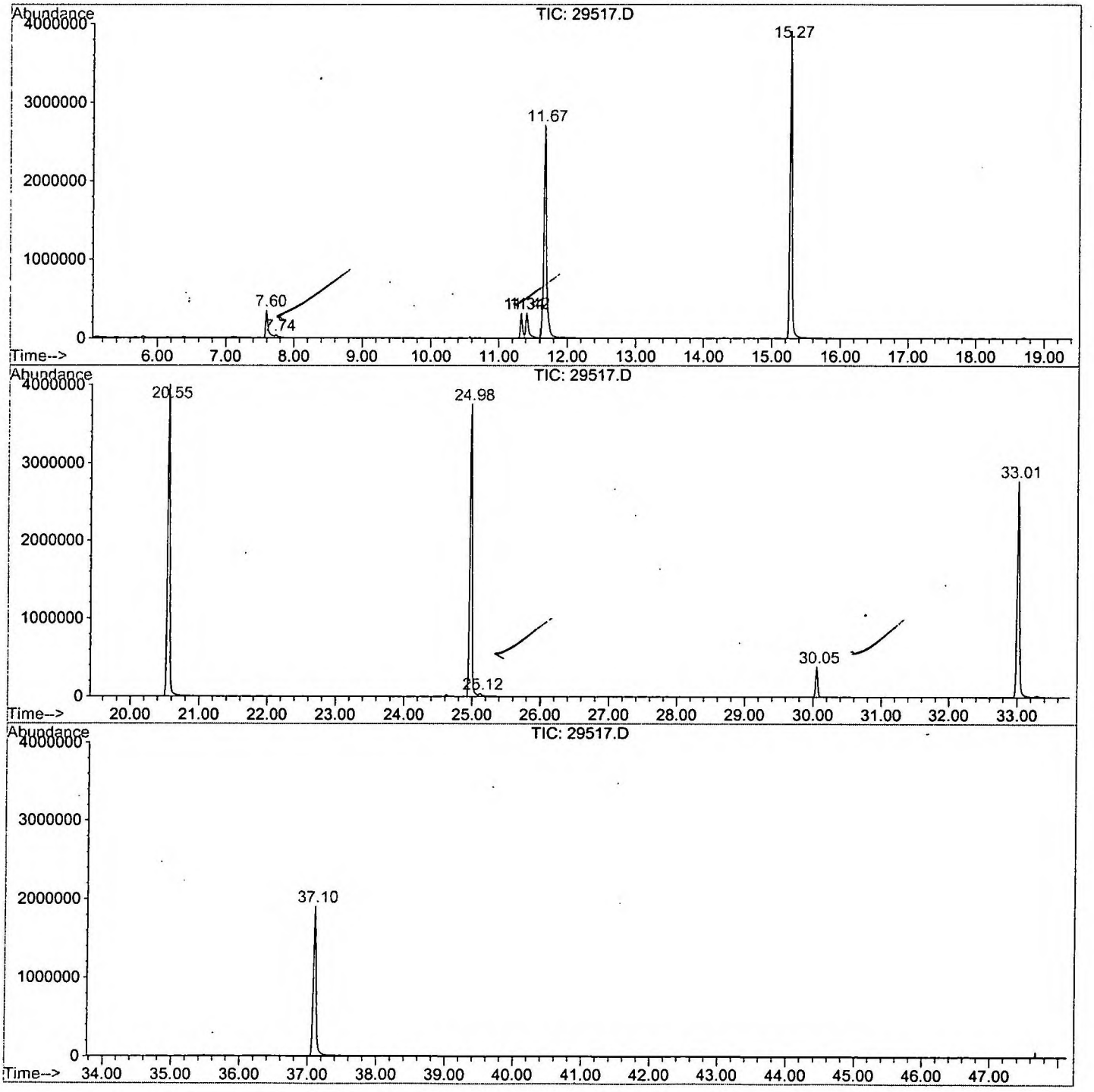
# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\29517.D
Operator : 209 GALOS
Acquired : 13 Dec 2001 5:41 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/6
Misc Info :
Vial Number: 9
Quant File :GCMS1126.RES (RTE Integrator)




29517.D GCMS1126.M Fri Dec 21 13:11:41 2001

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# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29517.D
Acq On : 13 Dec 2001 5:41 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

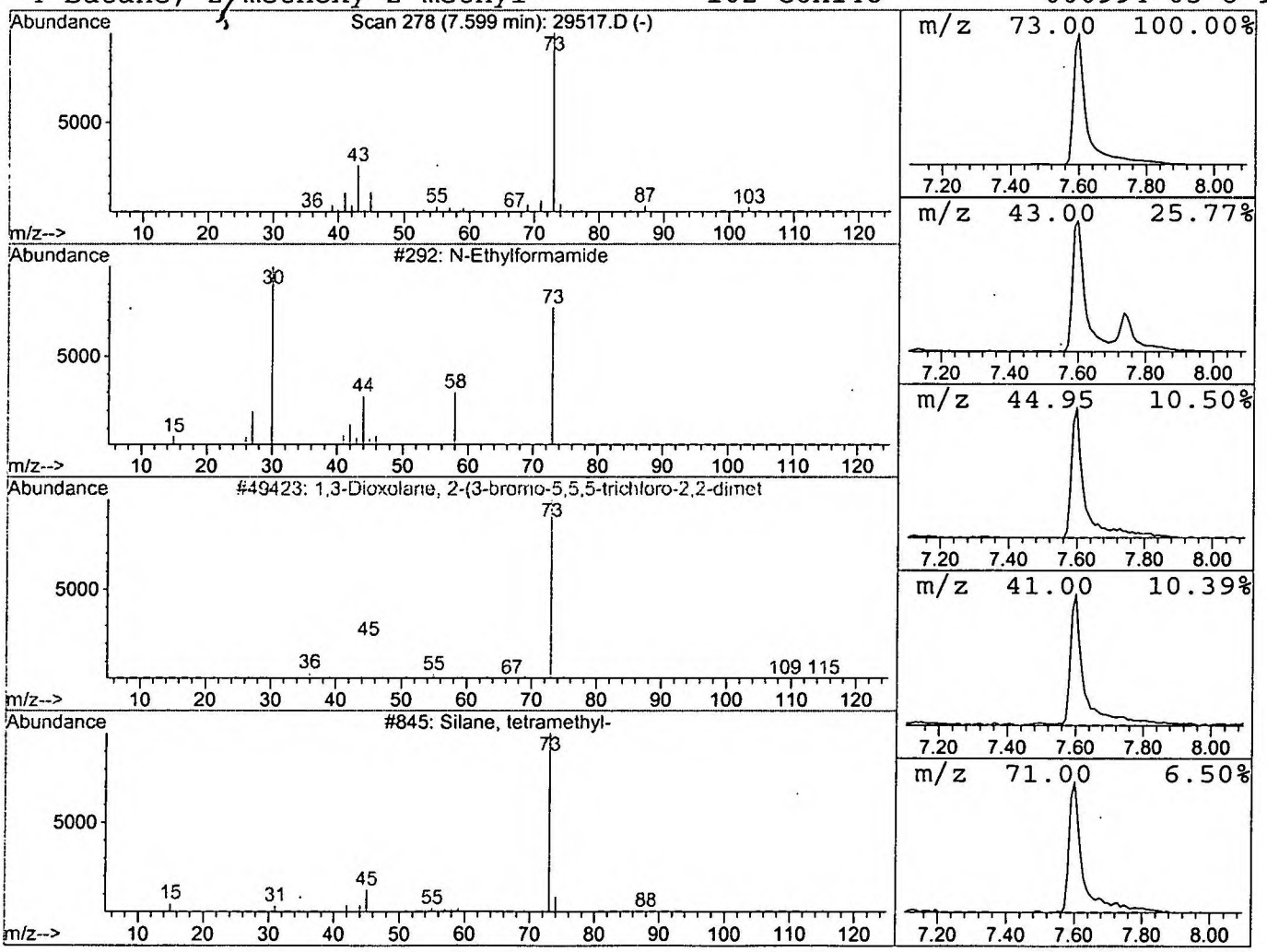
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 1 N-Ethylformamide Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.60 | 2.30 ug/l | 857234 | 1,4-Dichlorobenzene-d4 | 11.68 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |
| 2 | 1,3-Dioxolane, 2-(3-bromo-5,5,5-tri | 352 | C10H16BrCl3O2 | 000000-00-0 | 9 |
| 3 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 9 |
| 4 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 9 |






NYC-WTC_000036685

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# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29517.D
Acq On : 13 Dec 2001 5:41 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

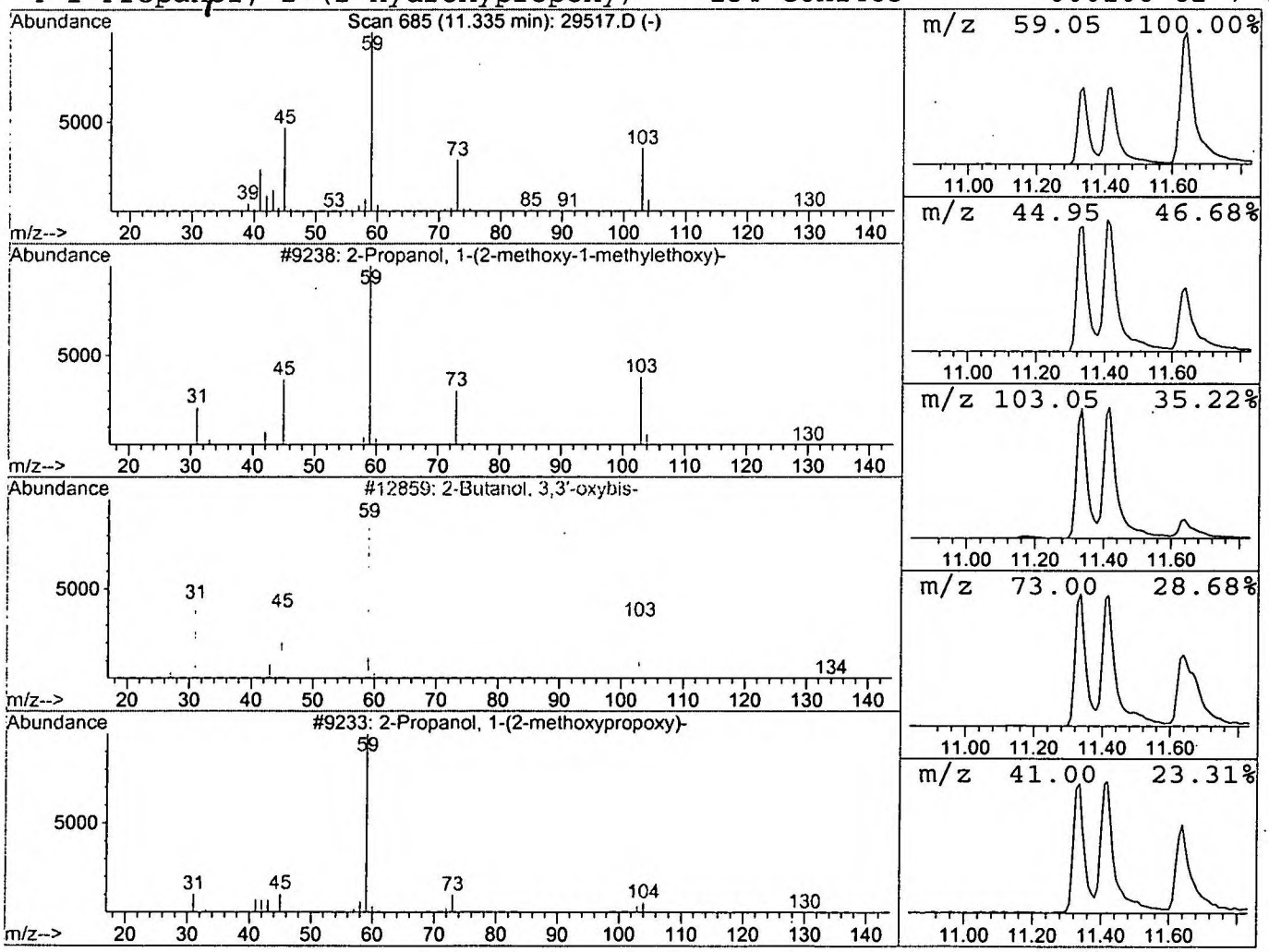
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 2 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.34 | 1.83 ug/l | 681917 | 1,4-Dichlorobenzene-d4 | 11.68 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanol, 1-(2-methoxy-1-methylet | 148 | C7H16O3 | 020324-32-7 | 72 |
| 2 | 2-Butanol, 3,3'-oxybis- | 162 | C8H18O3 | 054305-61-2 | 64 |
| 3 | 2-Propanol, 1-(2-methoxypropoxy)- | 148 | C7H16O3 | 013429-07-7 | 47 |
| 4 | 1-Propanol, 2-(2-hydroxypropoxy)- | 134 | C6H14O3 | 000106-62-7 | 42 |






NYC-WTC_000036686

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# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29517.D
Acq On : 13 Dec 2001 5:41 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

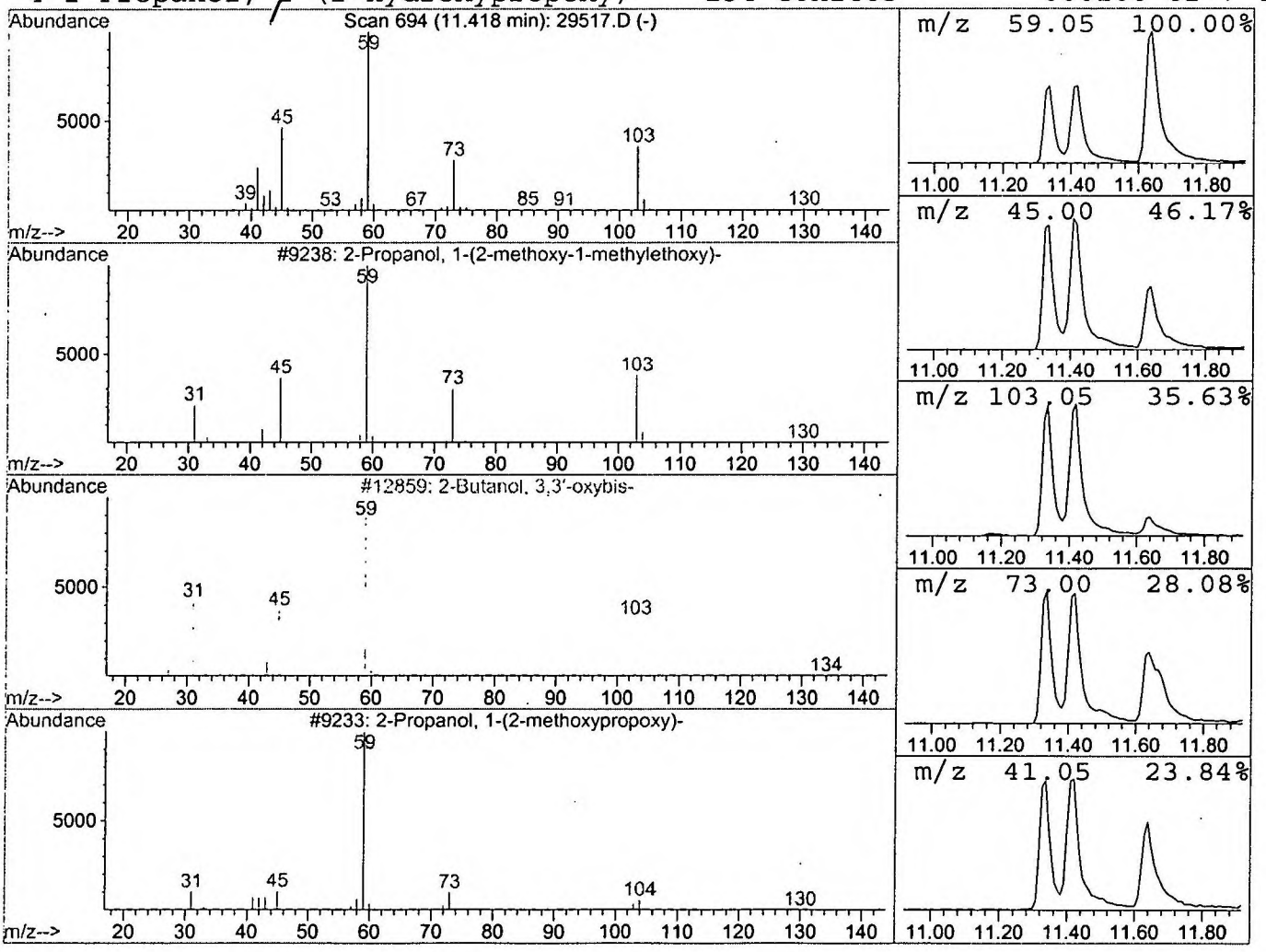
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.42 | 2.30 ug/l | 857441 | 1,4-Dichlorobenzene-d4 | 11.68 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanol, 1-(2-methoxy-1-methylet | 148 | C7H16O3 | 020324-32-7 | 90 |
| 2 | 2-Butanol, 3,3'-oxybis- | 162 | C8H18O3 | 054305-61-2 | 64 |
| 3 | 2-Propanol, 1-(2-methoxypropoxy)- | 148 | C7H16O3 | 013429-07-7 | 50 |
| 4 | 1-Propanol, 2-(2-hydroxypropoxy)- | 134 | C6H14O3 | 000106-62-7 | 42 |






NYC-WTC_000036687

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# Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 13 Dec 2001 5:41 pm
Data File: C:\HPCHEM\1\DATA\DEC1301\29517.D
Name: gcms scan 12/6
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

| TIC Top Hit name | RT | EstConc | Units | Area | IntStd | ISRT | ISArea | ISConc |
|---|---|---|---|---|---|---|---|---|
| N-Ethylformamide | 7.60 | 2.3 | ug/l | 857234 | ISTD01 | 11.68 | 7451700 | 20.0 |
| 2-Propanol, 1-(2-met | 11.34 | 1.8 | ug/l | 681917 | ISTD01 | 11.68 | 7451700 | 20.0 |
| 2-Propanol, 1-(2-met | 11.42 | 2.3 | ug/l | 857441 | ISTD01 | 11.68 | 7451700 | 20.0 |

29517.D GCMS1126.M Fri Dec 21 13:11:59 2001