User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 02/06/2002 Time: 11:19:31

Sample: AD31248
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 2/4/02 10:43 Ended: 2/4/02 10:43 Analyst: MG
Result source: manual entry
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | < MDL | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | < MDL | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | < MDL | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | < MDL | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | < MDL | | 2.0 |
| 6 | 2,2'-oxybis(1-Chloropropane) | | < MDL | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | < MDL | | 2.0 |
| 8 | Hexachloroethane | | < MDL | | 2.0 |
| 9 | Nitrobenzene | | < MDL | | 2.0 |
| 10 | Isophorone | | < MDL | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | < MDL | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | < MDL | | 2.0 |
| 13 | Naphthalene | | < MDL | | 2.0 |
| 14 | Hexachlorobutadiene | | < MDL | | 2.0 |
| 15 | 2-Chloronaphthalene | | < MDL | | 2.0 |
| 16 | Dimethylphthalate | | < MDL | | 2.0 |
| 17 | 2,6-Dinitrotoluene | | < MDL | | 2.0 |
| 18 | Acenaphthylene | | < MDL | | 2.0 |
| 19 | Acenaphthene | | < MDL | | 2.0 |
| 20 | 2,4-Dinitrotoluene | | < MDL | | 2.0 |
| 21 | Diethylphthalate | | < MDL | | 2.0 |
| 22 | 4-Chlorophenylphenylether | | < MDL | | 2.0 |
| 23 | Fluorene | | < MDL | | 2.0 |
| 24 | Azobenzene/1,2-Diphenylhydrazi | | < MDL | | 2.0 |
| 25 | n-Nitrosodiphenylamine | | < MDL | | 2.0 |
| 26 | 4-Bromophenylphenylether | | < MDL | | 2.0 |
| 27 | Hexachlorobenzene | | < MDL | | 2.0 |
| 28 | Phenanthrene | | < MDL | | 2.0 |
| 29 | Anthracene | | < MDL | | 2.0 |
| 30 | Di-n-butylphthalate | | < MDL | | 2.0 |
| 31 | Fluoranthene | | < MDL | | 2.0 |
| 32 | Pyrene | | < MDL | | 2.0 |
| 33 | Butylbenzylphthalate | | < MDL | | 2.0 |
| 34 | Benzo(a)anthracene | | < MDL | | 2.0 |
| 35 | bis(2-Ethylhexyl)phthalate | | < MDL | | 2.0 |
| 36 | Chrysene | | < MDL | | 2.0 |
| 37 | Di-n-octylphthalate | | < MDL | | 2.0 |
| 38 | Benzo(b)fluoranthene | | < MDL | | 2.0 |
| 39 | Benzo(k)fluoranthene | | < MDL | | 2.0 |
| 40 | Benzo(a)pyrene | | < MDL | | 2.0 |
| 41 | Indeno(1,2,3-cd)pyrene | | < MDL | | 2.0 |
| 42 | Dibenz(a,h)anthracene | | < MDL | | 2.0 |
| 43 | Benzo(g,h,i)perylene | | < MDL | | 2.0 |

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\LBC.D Vial: 4
Acq On : 9 Jan 2002 4:40 pm Operator: 209 GALOS
Sample : gcms scan 12/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 10:05 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 11.53 | 152 | 897615 | 20.00 | ug/l | 0.00 |
| 10) Naphthalene-d8 | 15.13 | 136 | 3511008 | 20.00 | ug/l | 0.00 |
| 17) Acenaphthene-d10 | 20.40 | 164 | 1756846 | 20.00 | ug/l | 0.00 |
| 29) Phenanthrene-d10 | 24.81 | 188 | 2518121 | 20.00 | ug/l | 0.00 |
| 38) Chrysene-d12 | 32.84 | 240 | 1519835 | 20.00 | ug/l | 0.00 |
| 44) Perylene-d12 | 36.90 | 264 | 886838 | 20.00 | ug/l | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 29.89 | 235 | 109619 | 3.79 | ug/mL | -0.18 |
| Spiked Amount 5.000 | | | Recovery = 75.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 0.00 | 74 | 0 | N.D. | | |
| 3) bis(2-Chloroethyl)ether | 0.00 | 93 | 0 | 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 | 13.42 | 82 | 779 | 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 | 15.18 | 128 | 1491 | 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 | 19.80 | 163 | 232 | N.D. | | |
| 21) 2,6-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | | |
| 22) Acenaphthylene | 19.95 | 152 | 118 | N.D. | | |
| 23) Acenaphthene | 20.49 | 153 | 335 | N.D. | | |
| 24) 2,4-Dinitrotoluene | 20.96 | 165 | 169 | N.D. | | |
| 25) Diethylphthalate | 21.92 | 149 | 1744 | N.D. | | |
| 26) 4-Chlorophenyl-phenylether | 0.00 | 204 | 0 | N.D. | | |
| 27) Fluorene | 22.02 | 166 | 281 | N.D. | | |
| 28) Azobenzen/ 1,2-Diphenylhyd | 0.00 | 77 | 0 | N.D. | | |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\LBC.D Vial: 4
Acq On : 9 Jan 2002 4:40 pm Operator: 209 GALOS
Sample : gcms scan 12/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 10:05 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

| | 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 | 24.87 | 178 | 1110 | N.D. | |
| 34) | Anthracene | 25.01 | 178 | 365 | N.D. | |
| 35) | Di-n-butylphthalate | 26.83 | 149 | 9010 | N.D. | |
| 36) | Fluoranthene | 28.50 | 202 | 356 | N.D. | |
| 39) | Pyrene | 29.16 | 202 | 483 | N.D. | |
| 40) | Butylbenzylphthalate | 31.34 | 149 | 415 | N.D. | |
| 41) | Benzo(a)anthracene | 32.84 | 228 | 5970 | N.D. | |
| 42) | Bis(2-ethylhexyl)phthalate | 33.14 | 149 | 4833 | N.D. | |
| 43) | Chrysene | 32.92 | 228 | 2205 | N.D. | |
| 45) | Di-n-Octylphthalate | 34.88 | 149 | 361 | N.D. | |
| 46) | Benzo(b)fluoranthene | 35.89 | 252 | 1042 | N.D. | |
| 47) | Benzo(k)fluoranthene | 35.95 | 252 | 893 | N.D. | |
| 48) | Benzo(a)pyrene | 36.76 | 252 | 142 | 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. | |

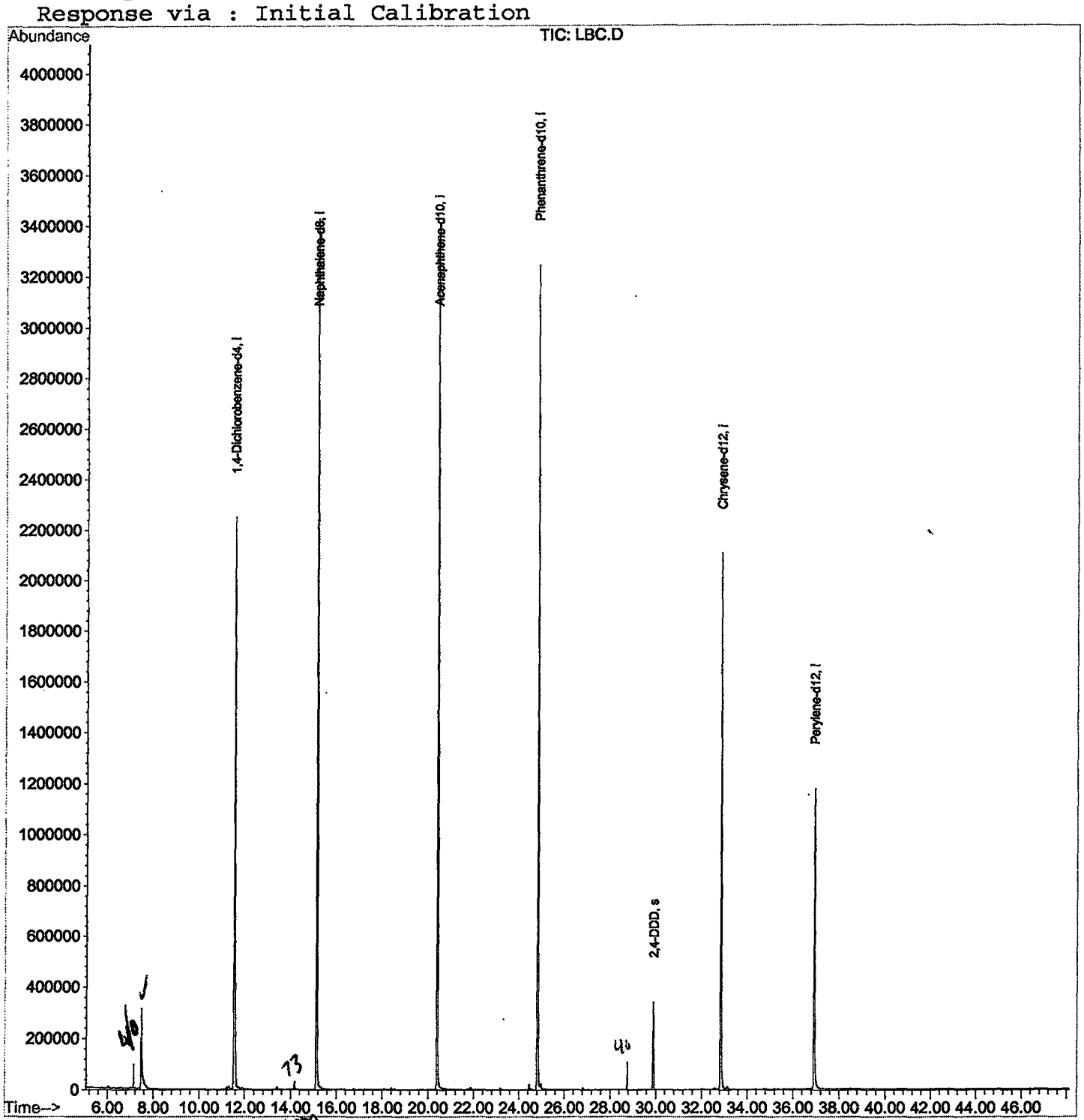
(#) = qualifier out of range (m) = manual integration

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0802\LBC.D
Acq On : 9 Jan 2002 4:40 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 6 10:05 2002

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0802\LBC.D  Vial: 4
Acq On : 9 Jan 2002 4:40 pm  Operator: 209 GALOS
Sample : gcms scan 12/24  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0103.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

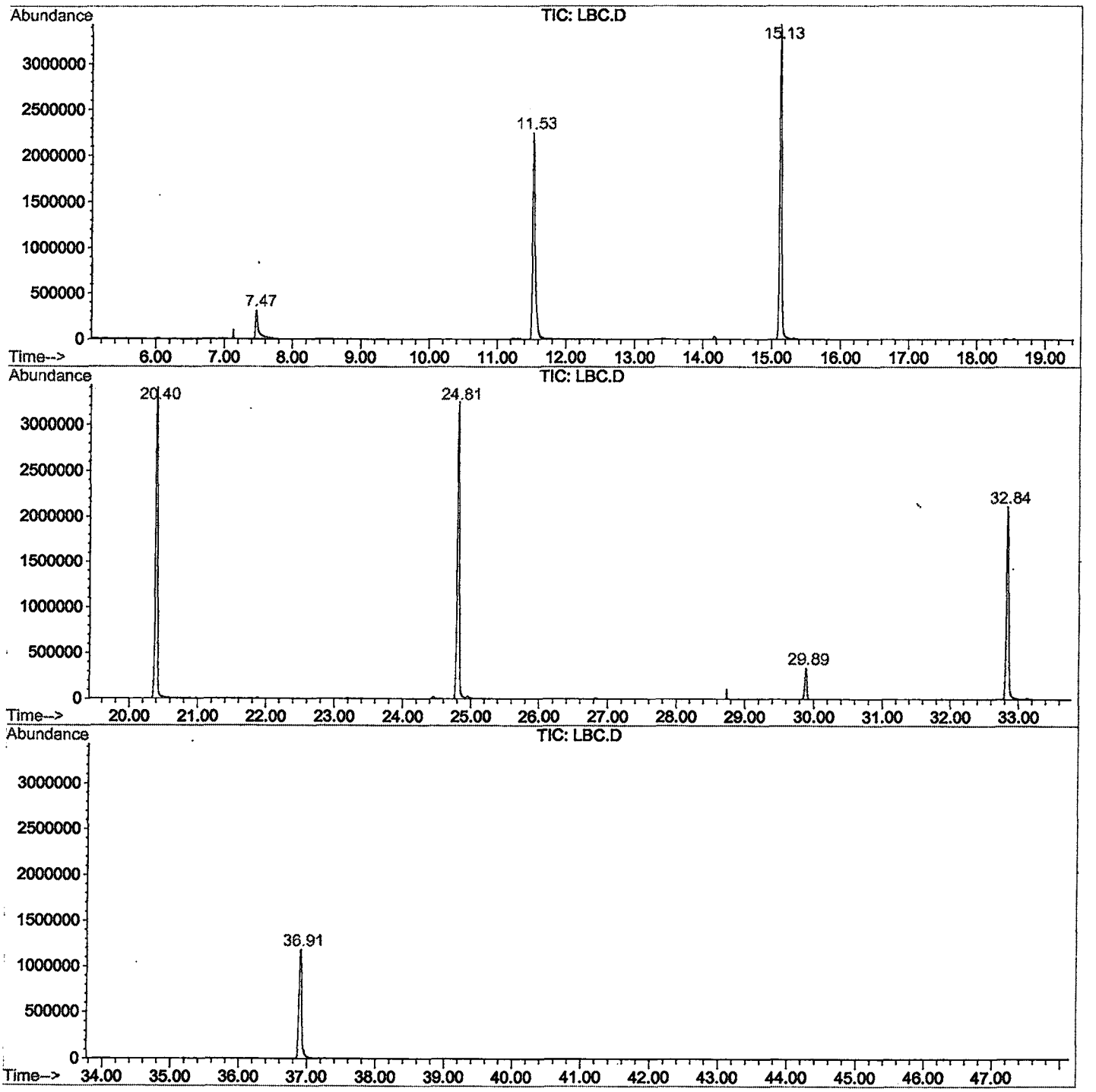
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.470 | 260 | 264 | 296 | rBV | 309561 | 931079 | 12.58% | 2.517% |
| 2 | 11.528 | 701 | 706 | 723 | rBV | 2248969 | 5600187 | 75.68% | 15.139% |
| 3 | 15.127 | 1092 | 1098 | 1115 | rBV | 3426951 | 7147517 | 96.60% | 19.322% |
| 4 | 20.396 | 1665 | 1672 | 1695 | rBV | 3405161 | 7399405 | 100.00% | 20.003% |
| 5 | 24.812 | 2146 | 2153 | 2165 | rBV2 | 3246346 | 7032844 | 95.05% | 19.012% |
| 6 | 29.888 | 2701 | 2706 | 2714 | rVB | 338983 | 673870 | 9.11% | 1.822% |
| 7 | 32.835 | 3021 | 3027 | 3049 | rBV2 | 2106952 | 4890904 | 66.10% | 13.221% |
| 8 | 36.911 | 3463 | 3471 | 3492 | rBV2 | 1176343 | 3316347 | 44.82% | 8.965% |

Sum of corrected areas: 36992153

LBC.D GCMS0103.M Wed Feb 06 11:25:21 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0802\LBC.D
Operator : 209 GALOS
Acquired : 9 Jan 2002 4:40 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/24
Misc Info :
Vial Number: 4
Quant File :GCMS0103.RES (RTE Integrator)




LBC.D GCMS0103.M Wed Feb 06 11:25:27 2002

# Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\LBC.D
Acq On : 9 Jan 2002 4:40 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

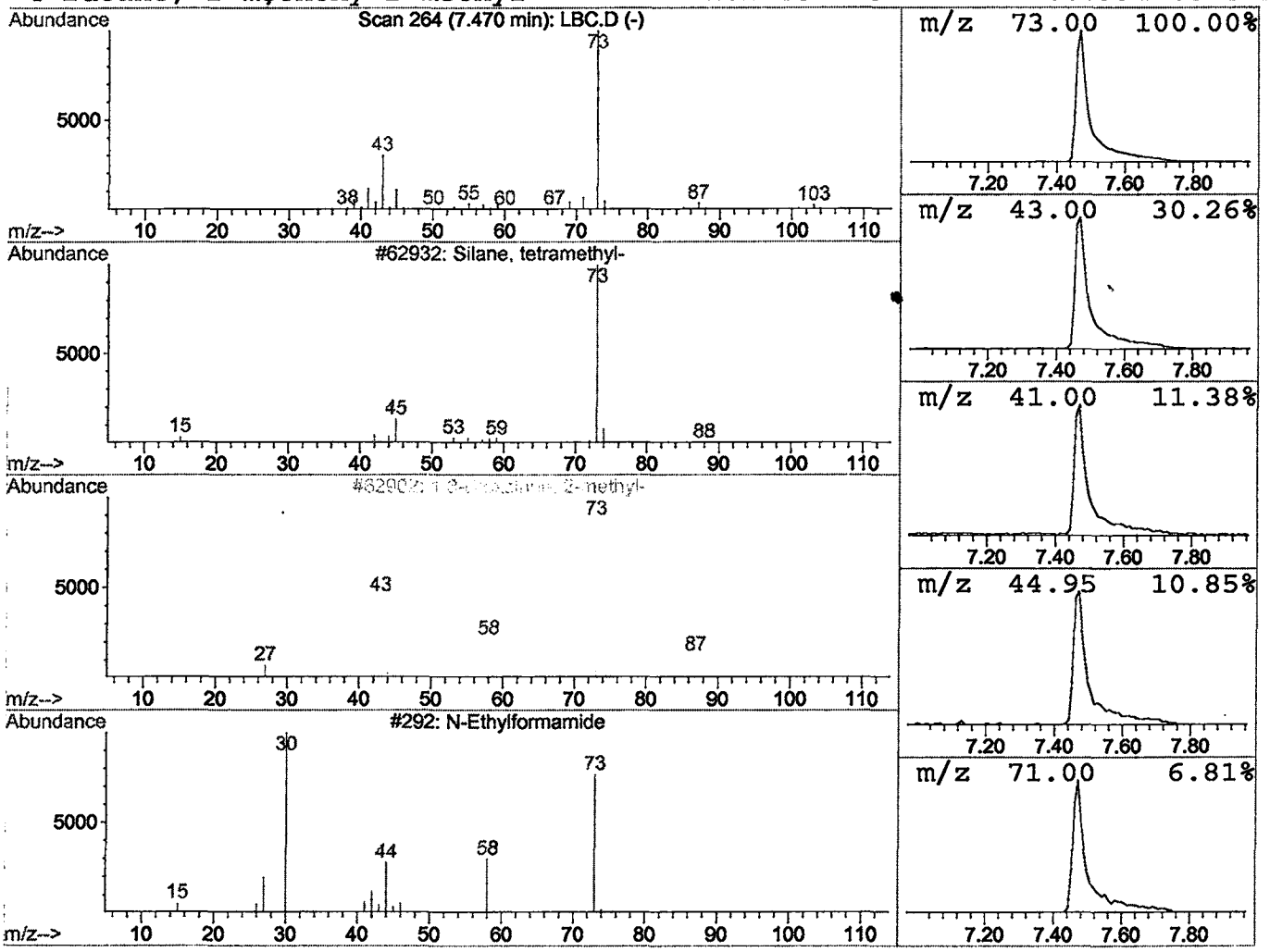
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.47 | 3.33 ug/l | 931079 | 1,4-Dichlorobenzene-d4 | 11.53 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 9 |
| 2 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 9 |
| 3 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |
| 4 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 9 |



# Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Jan 2002 4:40 pm
Data File: C:\HPCHEM\1\DATA\JAN0802\LBC.D
Name: gcms scan 12/24
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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 |
|---|---|---|---|---|---|---|---|---|
| ~~Silane, tetramethyl~~ | 7.47 | 3.3 | ug/l | 931079 | ISTD01 | 11.53 | 5600190 | 20.0 |

LBC.D GCMS0103.M Wed Feb 06 11:25:36 2002