User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 14:43:50

Sample: AE01504
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/6/02 14:43 Ended: 3/6/02 14:43 Analyst: DLV
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 91 | | 5.0 |

**Comments for Sample AE01504 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-06-2002 Time: 14:43:53

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\HPCHEM\1\DATA\FEB2102\1504.D Vial: 27
Acq On : 22 Feb 2002 5:45 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 26 15:00 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.33 | 152 | 191061 | 20.00 | ug/l | -0.02 |
| 10) Naphthalene-d8 | 15.97 | 136 | 722849 | 20.00 | ug/l | -0.02 |
| 17) Acenaphthene-d10 | 21.28 | 164 | 384471 | 20.00 | ug/l | -0.03 |
| 29) Phenanthrene-d10 | 25.73 | 188 | 536394 | 20.00 | ug/l | -0.03 |
| 38) Chrysene-d12 | 33.80 | 240 | 348235 | 20.00 | ug/l | -0.04 |
| 44) Perylene-d12 | 38.08 | 264 | 231165 | 20.00 | ug/l | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 30.81 | 235 | 28308 | 4.56 | ug/mL | 0.31 |
| Spiked Amount 5.000 | | | Recovery = 91.20% | | | |
| **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 | 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 | 16.03 | 128 | 280 | 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. | | |
| 22) Acenaphthylene | 0.00 | 152 | 0 | N.D. | | |
| 23) Acenaphthene | 0.00 | 153 | 0 | N.D. | | |
| 24) 2,4-Dinitrotoluene | 0.00 | 165 | 0 | N.D. | | |
| 25) Diethylphthalate | 22.76 | 149 | 345 | 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 | 0.00 | 77 | 0 | N.D. | | |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\1504.D Vial: 27
Acq On : 22 Feb 2002 5:45 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 26 15:00 2002 Quant Results File: GCMS0208.RES

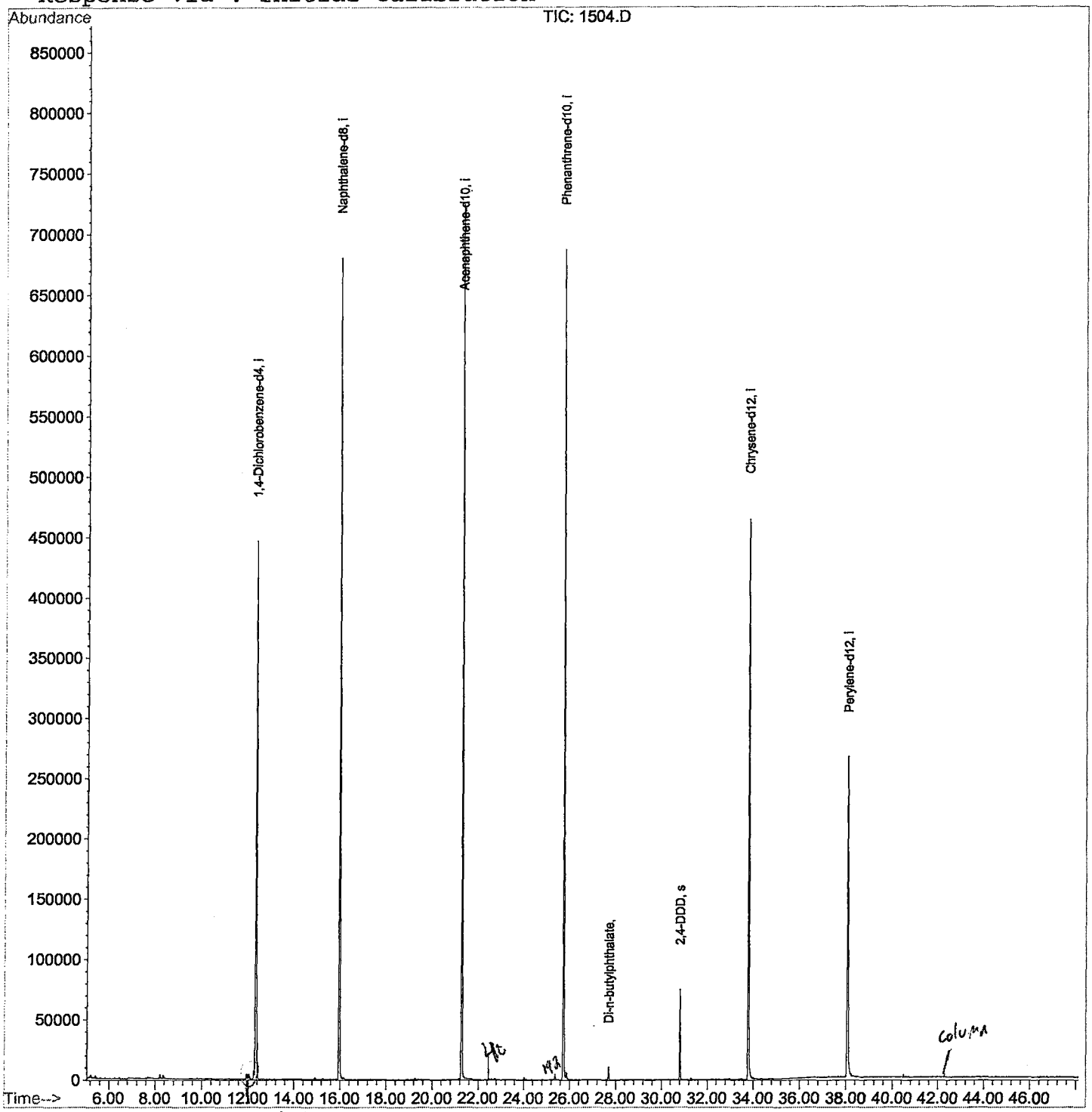
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

| | 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 | 0.00 | 178 | 0 | N.D. | |
| 34) | Anthracene | 0.00 | 178 | 0 | N.D. | |
| 35) | Di-n-butylphthalate | 27.70 | 149 | 12779 | 0.28 ug/l | 99 |
| 36) | Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 39) | Pyrene | 0.00 | 202 | 0 | N.D. | |
| 40) | Butylbenzylphthalate | 0.00 | 149 | 0 | N.D. | |
| 41) | Benzo(a)anthracene | 33.80 | 228 | 809 | N.D. | |
| 42) | Bis(2-ethylhexyl)phthalate | 34.00 | 149 | 1126 | N.D. | |
| 43) | Chrysene | 33.80 | 228 | 809 | 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 | 38.07 | 252 | 770 | 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

Data File : C:\HPCHEM\1\DATA\FEB2102\1504.D Vial: 27
Acq On : 22 Feb 2002 5:45 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 26 15:00 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\FEB2102\1504.D  Vial: 27
Acq On : 22 Feb 2002 5:45 pm  Operator:
Sample : gc/ms scan 1/22  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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 | 12.255 | 781 | 786 | 789 | rBV | 6987 | 16912 | 1.10% | 0.225% |
| 2 | 12.329 | 789 | 794 | 809 | rVB | 446565 | 1114440 | 72.44% | 14.807% |
| 3 | 15.973 | 1185 | 1191 | 1205 | rBV | 680077 | 1420119 | 92.31% | 18.869% |
| 4 | 21.280 | 1763 | 1769 | 1780 | rBV | 725925 | 1538466 | 100.00% | 20.441% |
| 5 | 25.732 | 2247 | 2254 | 2265 | rBV2 | 687366 | 1418029 | 92.17% | 18.841% |
| 6 | 27.697 | 2462 | 2468 | 2475 | rVB | 10698 | 19910 | 1.29% | 0.265% |
| 7 | 30.809 | 2802 | 2807 | 2814 | rVB | 74946 | 146143 | 9.50% | 1.942% |
| 8 | 33.802 | 3126 | 3133 | 3142 | rBV | 464999 | 1044636 | 67.90% | 13.880% |
| 9 | 38.080 | 3591 | 3599 | 3613 | rBV | 265650 | 807584 | 52.49% | 10.730% |

Sum of corrected areas: 7526239

1504.D GCMS0208.M Tue Feb 26 15:13:42 2002

Data File : C:\HPCHEM\1\DATA\FEB2102\1504.D  Vial: 27
Acq On : 22 Feb 2002 5:45 pm  Operator:
Sample : gc/ms scan 1/22  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

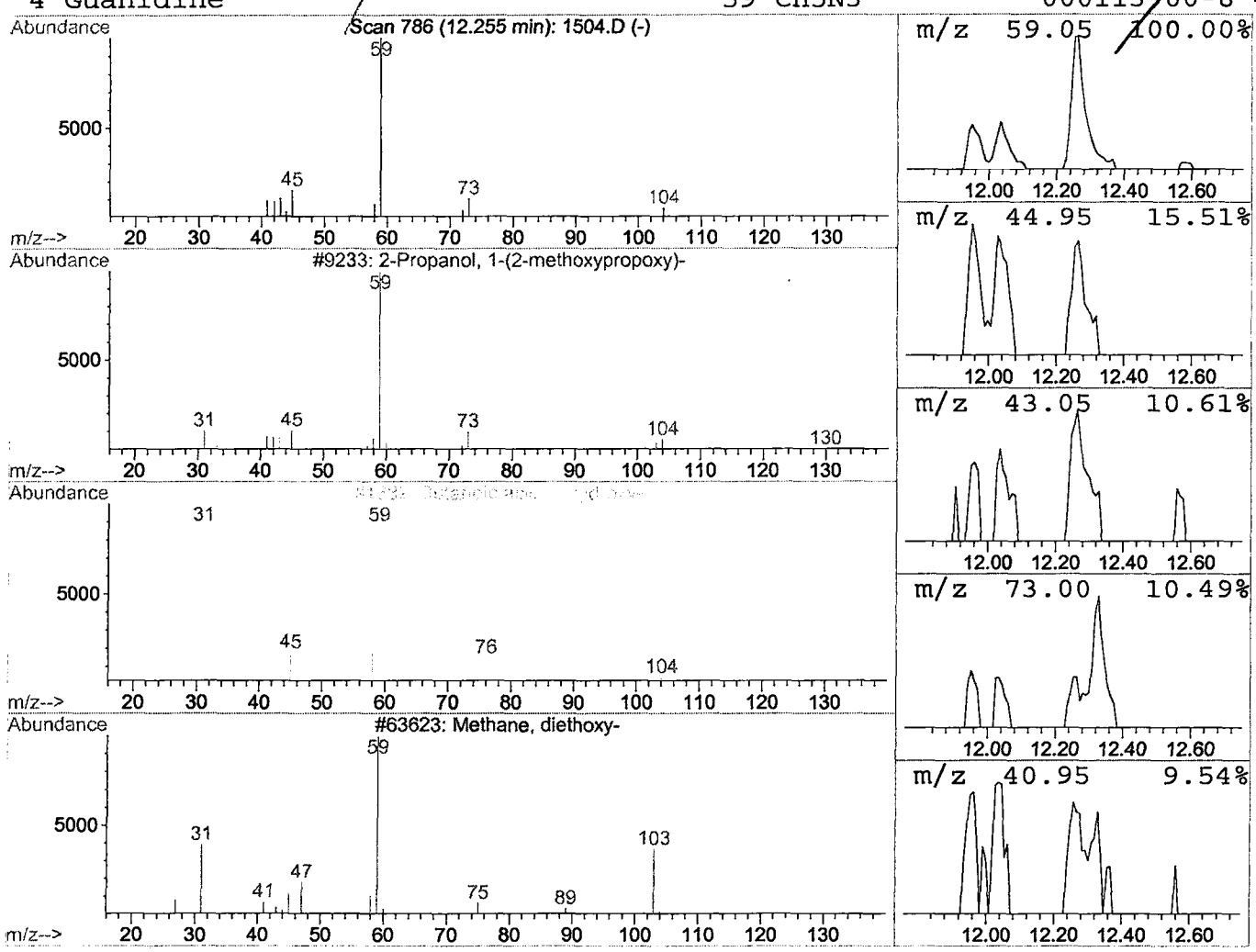
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

**********

Peak Number 1 2-Propanol, 1-(2-methoxypropox Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.26 | 0.30 ug/l | 16912 | 1,4-Dichlorobenzene-d4 | 12.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanol, 1-(2-methoxypropoxy)- | 148 | C7H16O3 | 013429-07-7 | 83 |
| 2 | Butanoic acid, 2-hydroxy- | 104 | C4H8O3 | 000565-70-8 | 9 |
| 3 | Methane, diethoxy- | 104 | C5H12O2 | 000462-95-3 | 9 |
| 4 | Guanidine | 59 | CH5N3 | 000113-00-8 | 4 |



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Feb 2002 5:45 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\1504.D
Name: gc/ms scan 1/22
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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 |
|---|---|---|---|---|---|---|---|---|
| 2-Propanol, 1-(2-met | 12.26 | 0.3 | ug/l | 16912 | ISTD01 | 12.33 | 1114440 | 20.0 |

1504.D GCMS0208.M Tue Feb 26 15:13:57 2002