User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/25/2002 Time: 11:00:07

Sample: AE01041
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/25/02 10:59 Ended: 2/25/02 10:59 Analyst: DLV
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | Other unknown compounds | | . | | |
| 2 | Surr_2,4-DDD | | 104 | | 5.0 |

**Comments for Sample AE01041 - Analysis $GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-25-2002 Time: 11:01:00

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 14 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Data File : C:\HPCHEM\1\DATA\FEB1502\1041.D  Vial: 30
Acq On : 16 Feb 2002 9:30 pm  Operator: 209 GALOS
Sample : gc/ms scan 1/17  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 20 14:10 2002  Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 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 | 260450 | 20.00 | ug/l | -0.02 |
| 10) Naphthalene-d8 | 15.97 | 136 | 972691 | 20.00 | ug/l | -0.03 |
| 17) Acenaphthene-d10 | 21.29 | 164 | 521730 | 20.00 | ug/l | -0.03 |
| 29) Phenanthrene-d10 | 25.74 | 188 | 728539 | 20.00 | ug/l | -0.03 |
| 38) Chrysene-d12 | 33.80 | 240 | 443924 | 20.00 | ug/l | -0.05 |
| 44) Perylene-d12 | 38.09 | 264 | 282026 | 20.00 | ug/l | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 30.81 | 235 | 38048 | 5.20 | ug/mL | 0.32 |
| Spiked Amount 5.000 | | | Recovery = 104.00% | | | |
| **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 | 606 | 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 | 109 | 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

Data File : C:\HPCHEM\1\DATA\FEB1502\1041.D  Vial: 30
Acq On : 16 Feb 2002 9:30 pm  Operator: 209 GALOS
Sample : gc/ms scan 1/17  Inst : GC/MS 209
Misc :  Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 20 14:10 2002  Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

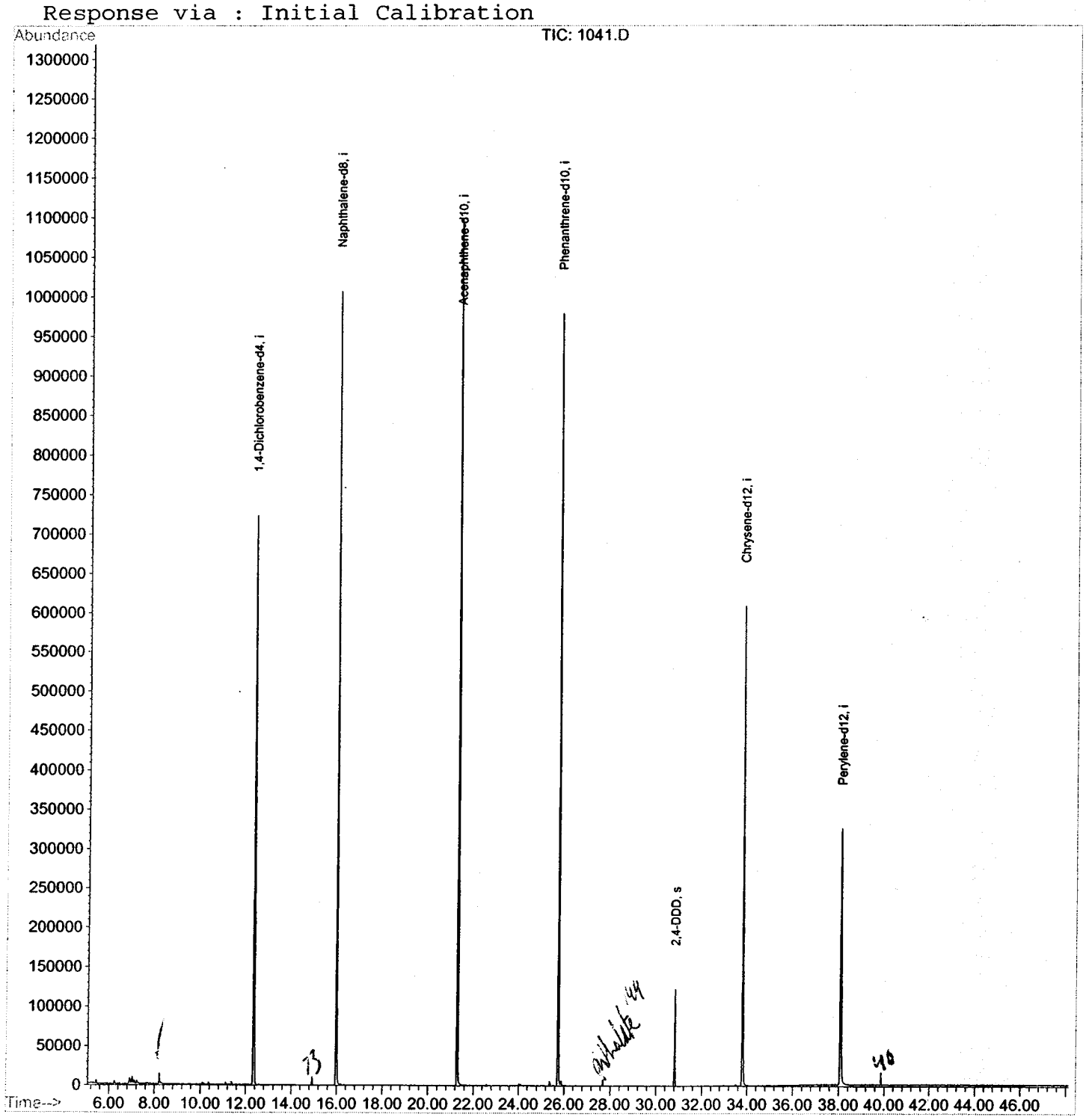
| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 0.00 | 168 | 0 | N.D. | |
| 31) | 4-Bromophenyl-phenylether | 0.00 | 248 | 0 | N.D. | |
| 32) | Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | |
| 33) | Phenanthrene | 25.79 | 178 | 306 | N.D. | |
| 34) | Anthracene | 25.79 | 178 | 306 | N.D. | |
| 35) | Di-n-butylphthalate | 27.70 | 149 | 8136 | N.D. | |
| 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 | 33.81 | 228 | 1155 | N.D. | |
| 42) | Bis(2-ethylhexyl)phthalate | 34.01 | 149 | 221 | N.D. | |
| 43) | Chrysene | 33.81 | 228 | 1155 | 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 | 38.08 | 252 | 1181 | 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
1041.D GCMS0208.M Wed Feb 20 14:11:01 2002 Page 2

Data File : C:\HPCHEM\1\DATA\FEB1502\1041.D
Acq On : 16 Feb 2002 9:30 pm
Sample : gc/ms scan 1/17
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 20 14:10 2002

Vial: 30
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration



LSC Area Percent Report

CHEM\1\DATA\FEB1502\1041.D
Data File eb 2002 9:30 pm
Acq On /ms scan 1/17
Sample
Misc ion Params: LSCINT.P
MS Int
: C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Meth : 209 625/TCLP calibration table
Tit ing : OFF
Sm ling : 1
S art Thrs: 0.2
Stop Thrs : 0

Vial: 30
Operator: 209
Inst : GC/MS
Multiplr: 1.00

Filtering: 5
Min Area: 1 % of largest Pe
Max Peaks: 100
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 | 8.213 | 336 | 345 | 351 | rBV | 13731 | 31905 | 1.46% | 0.304% |
| 2 | 12.335 | 788 | 794 | 805 | rBV | 722440 | 1679594 | 76.97% | 15.993% |
| 3 | 15.970 | 1184 | 1190 | 1202 | rBV | 1007136 | 2038525 | 93.42% | 19.411% |
| 4 | 21.286 | 1763 | 1769 | 1785 | rBV | 1099152 | 2182039 | 100.00% | 20.778% |
| 5 | 25.738 | 2247 | 2254 | 2264 | rBV | 979148 | 2028499 | 92.96% | 19.316% |
| 6 | 30.815 | 2802 | 2807 | 2812 | rVB | 121958 | 230259 | 10.55% | 2.193% |
| 7 | 33.798 | 3126 | 3132 | 3143 | rBV | 608521 | 1344458 | 61.61% | 12.802% |
| 8 | 38.086 | 3589 | 3599 | 3613 | rBV2 | 324419 | 966608 | 44.30% | 9.204% |

Sum of corrected areas: 10501887

1041.D GCMS0208.M Wd Feb 20 14:27:09 2002

44.