Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\LBA.D Vial: 16
Acq On : 19 Apr 2002 2:36 am Operator:
Sample : GC/MS SCAN 3/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 14:52 2002 Quant Results File: GCMS0419.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.22 | 152 | 704639 | 20.00 | ug/l | -0.02 |
| 10) Naphthalene-d8 | 15.84 | 136 | 2564417 | 20.00 | ug/l | -0.03 |
| 17) Acenaphthene-d10 | 21.15 | 164 | 1436788 | 20.00 | ug/l | -0.02 |
| 30) Phenanthrene-d10 | 25.59 | 188 | 2109694 | 20.00 | ug/l | -0.02 |
| 39) Chrysene-d12 | 33.64 | 240 | 1386143 | 20.00 | ug/l | -0.03 |
| 45) Perylene-d12 | 37.88 | 264 | 926274 | 20.00 | ug/l | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 28) TCMX | 23.29 | 209 | 37961 | 3.17 | ug/L | -0.04 |
| Spiked Amount 4.000 | | | Recovery = 79.25% | | | |
| 38) 2,4-DDD | 0.00 | 235 | 0 | 0.00 | ug/mL | |
| Spiked Amount 5.000 | | | Recovery = 0.00% | | | |
| **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 | 15.90 | 128 | 404 | 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 | 21.52 | 165 | 183 | N.D. | | |
| 25) Diethylphthalate | 0.00 | 149 | 0 | N.D. | | |
| 26) 4-Chlorophenyl-phenylether | 0.00 | 204 | 0 | N.D. | | |
| 27) Fluorene | 0.00 | 166 | 0 | N.D. | | |
| 29) Azobenzen/ 1,2-Diphenylhyd | 0.00 | 77 | 0 | N.D. | | |
| 31) N-Nitrosodiphenylamine | 0.00 | 168 | 0 | N.D. | | |
| 32) 4-Bromophenyl-phenylether | 0.00 | 248 | 0 | N.D. | | |

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

Quantitation Report (QT Reviewed)

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Acq On : 19 Apr 2002 2:36 am Operator:
Sample : GC/MS SCAN 3/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 14:52 2002 Quant Results File: GCMS0419.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 33) | Hexachlorobenzene | 0.00 | 284 | 0 | N.D. | |
| 34) | Phenanthrene | 25.58 | 178 | 675 | N.D. | |
| 35) | Anthracene | 25.58 | 178 | 675 | N.D. | |
| 36) | Di-n-butylphthalate | 27.55 | 149 | 501 | N.D. | |
| 37) | Fluoranthene | 0.00 | 202 | 0 | N.D. | |
| 40) | Pyrene | 0.00 | 202 | 0 | N.D. | |
| 41) | Butylbenzylphthalate | 0.00 | 149 | 0 | N.D. | |
| 42) | Benzo(a)anthracene | 33.64 | 228 | 3010 | N.D. | |
| 43) | Bis(2-ethylhexyl)phthalate | 33.86 | 149 | 2595 | N.D. | |
| 44) | Chrysene | 33.64 | 228 | 3009 | N.D. | |
| 46) | Di-n-Octylphthalate | 0.00 | 149 | 0 | N.D. | |
| 47) | Benzo(b)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 48) | Benzo(k)fluoranthene | 0.00 | 252 | 0 | N.D. | |
| 49) | Benzo(a)pyrene | 37.88 | 252 | 3646 | N.D. | |
| 50) | Indeno(1,2,3-cd)pyrene | 0.00 | 276 | 0 | N.D. | |
| 51) | Dibenz(a,h)anthracene | 0.00 | 278 | 0 | N.D. | |
| 52) | Benzo(g,h,i)perylene | 0.00 | 276 | 0 | N.D. | |

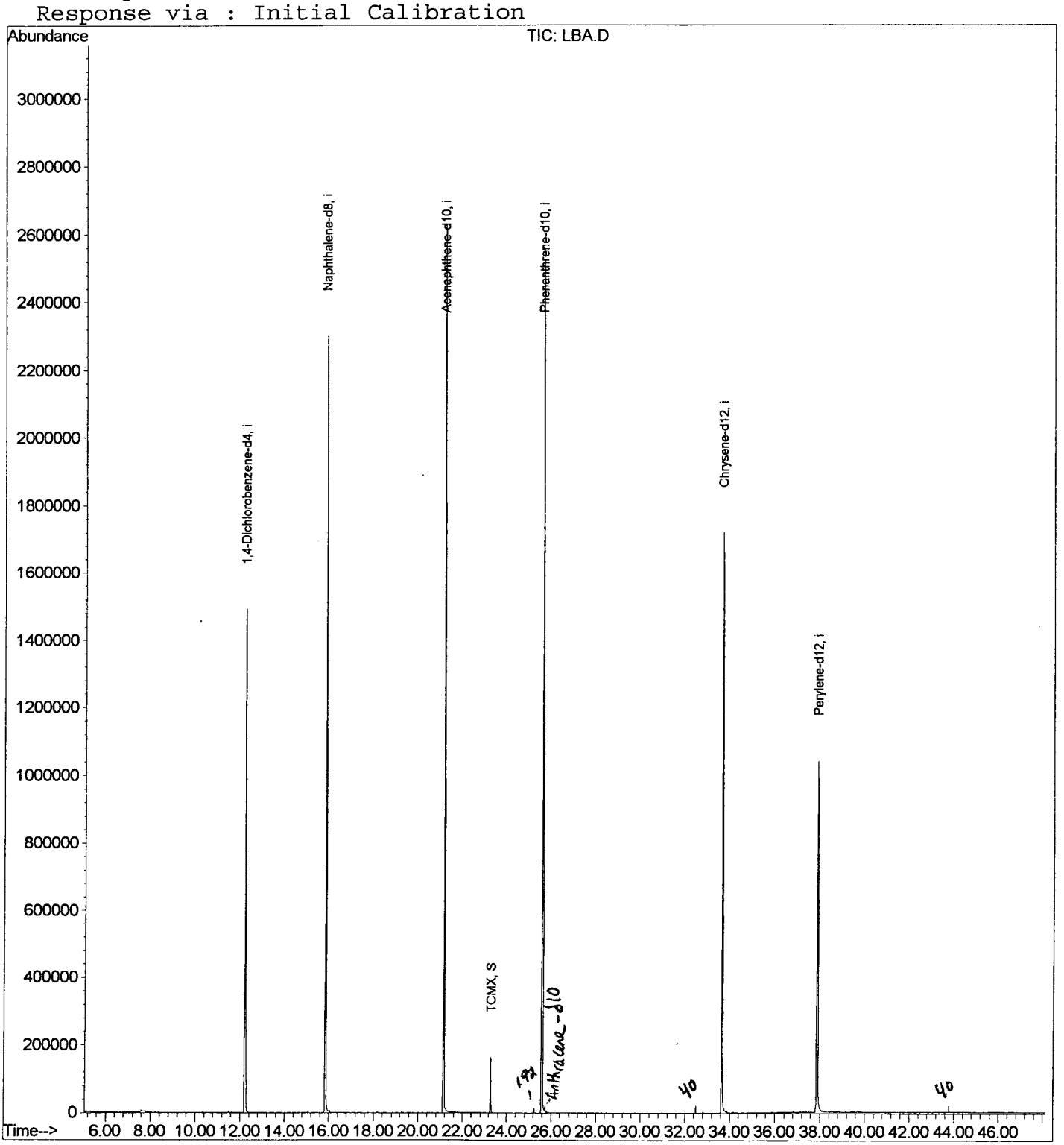
(#) = qualifier out of range (m) = manual integration

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1802\LBA.D
Acq On : 19 Apr 2002 2:36 am
Sample : GC/MS SCAN 3/26
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 19 14:52 2002

Vial: 16
Operator:
Inst : 209
Multiplr: 1.00
Quant Results File: GCMS0419.RES

Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration



# LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1802\LBA.D  Vial: 16
Acq On : 19 Apr 2002 2:36 am  Operator:
Sample : GC/MS SCAN 3/26  Inst : 209
Misc :  Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0419.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

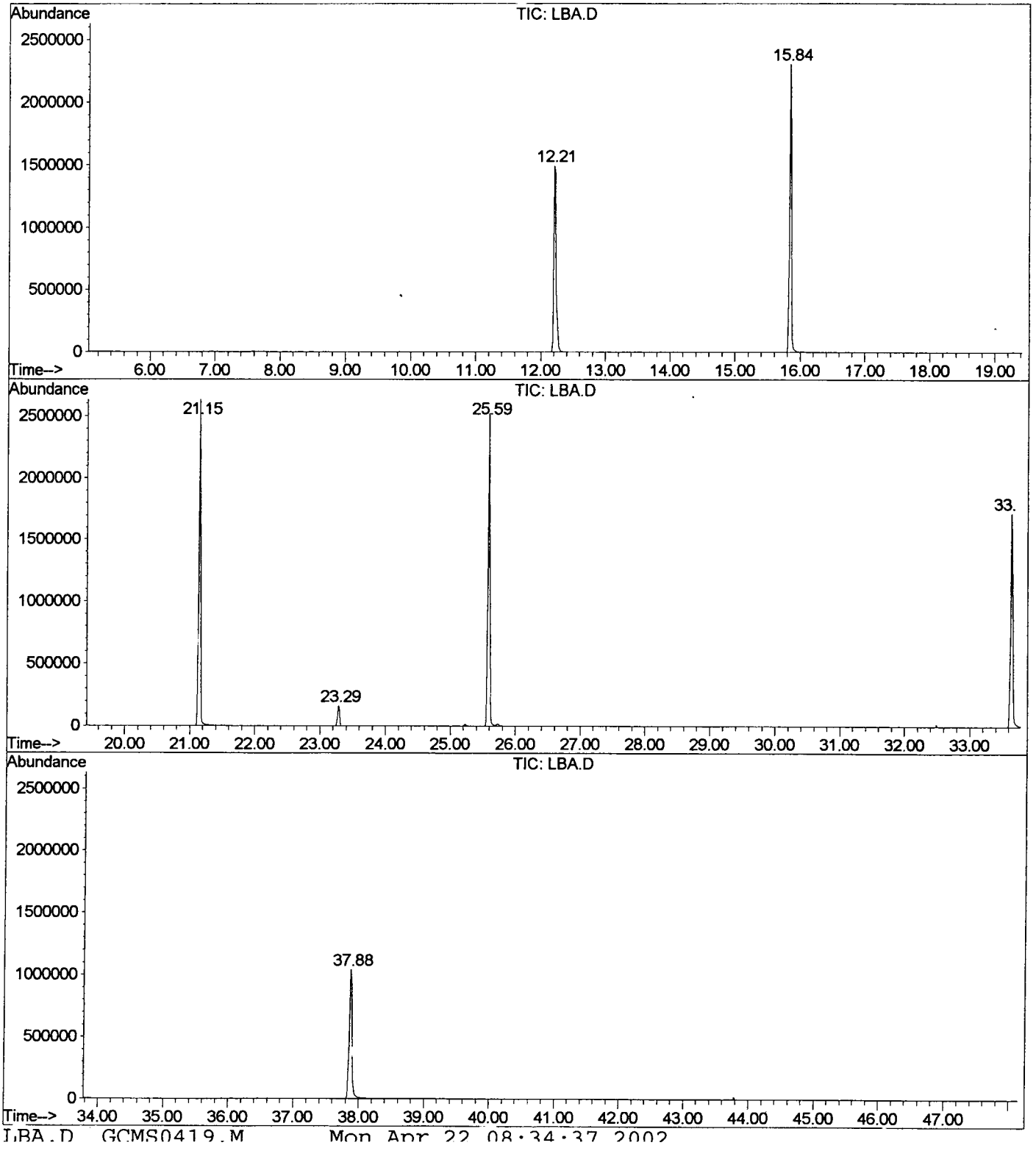
| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | peak area | peak % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.208 | 775 | 780 | 802 | rBV | 1492192 | 3748275 | 69.01% | 14.077% |
| 2 | 15.843 | 1170 | 1176 | 1193 | rBV | 2301681 | 4809038 | 88.55% | 18.061% |
| 3 | 21.150 | 1747 | 1754 | 1773 | rBV | 2631763 | 5431154 | 100.00% | 20.398% |
| 4 | 23.289 | 1980 | 1987 | 1993 | rBV | 163209 | 329836 | 6.07% | 1.239% |
| 5 | 25.593 | 2231 | 2238 | 2249 | rBV | 2523299 | 5213223 | 95.99% | 19.579% |
| 6 | 33.644 | 3108 | 3115 | 3134 | rBV2 | 1721587 | 3979116 | 73.26% | 14.944% |
| 7 | 37.876 | 3567 | 3576 | 3595 | rBV2 | 1040083 | 3115410 | 57.36% | 11.701% |

Sum of corrected areas: 26626052

LBA.D GCMS0419.M Mon Apr 22 08:34:37 2002

# LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1802\LBA.D
Operator :
Acquired : 19 Apr 2002 2:36 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: GC/MS SCAN 3/26
Misc Info :
Vial Number: 16
Quant File :GCMS0419.RES (RTE Integrator)




LBA.D GCMS0419.M Mon Apr 22 08:34:37 2002

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 19 Apr 2002 2:36 am
Data File: C:\HPCHEM\1\DATA\APR1802\LBA.D
Name: GC/MS SCAN 3/26
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0419.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 |
|---|---|---|---|---|---|---|---|---|

LBA.D GCMS0419.M Mon Apr 22 08:34:38 2002