Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\REFC1.D Vial: 40
Acq On : 5 May 2002 6:14 am Operator:
Sample : GC/MS SCAN 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 14:29 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.19 | 152 | 503044 | 40.00 | ug/l | -0.02 |
| 10) Naphthalene-d8 | 15.83 | 136 | 1836993m | 40.00 | ug/l | -0.02 |
| 17) Acenaphthene-d10 | 21.14 | 164 | 987203 | 40.00 | ug/l | -0.01 |
| 30) Phenanthrene-d10 | 25.58 | 188 | 1386245 | 40.00 | ug/l | -0.01 |
| 38) Chrysene-d12 | 33.64 | 240 | 946048 | 40.00 | ug/l | -0.02 |
| 44) Perylene-d12 | 37.87 | 264 | 619807 | 40.00 | ug/l | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 28) TCMX | 23.27 | 209 | 26794 | 5.58 | ug/L | -0.02 |
| Spiked Amount 10.000 | | | Recovery = 55.80% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 5.83 | 74 | 144098 | 10.48 | ug/l | 99 |
| 3) bis(2-Chloroethyl)ether | 11.59 | 93 | 268516 | 15.05 | ug/l | 98 |
| 4) 1,3-Dichlorobenzene | 12.09 | 146 | 94037 | 6.00 | ug/l | 100 |
| 5) 1,4-Dichlorobenzene | 12.24 | 146 | 108179 | 6.31 | ug/l | 99 |
| 6) 1,2-Dichlorobenzene | 12.75 | 146 | 123790 | 8.33 | ug/l | 99 |
| 7) 2,2'-oxybis(1-Chloropropan | 13.07 | 45 | 550553 | 14.93 | ug/l | 99 |
| 8) N-Nitroso-di-n-propylamine | 13.46 | 70 | 204951 | 15.33 | ug/l | 99 |
| 9) Hexachloroethane | 13.60 | 117 | 14434 | 2.24 | ug/l | 94 |
| 11) Nitrobenzene | 13.87 | 77 | 236424m | 14.13 | ug/l | |
| 12) Isophorone | 14.52 | 82 | 570761m | 17.60 | ug/l | |
| 13) bis(2-Chloroethoxy)methane | 15.21 | 93 | 322502m | 15.67 | ug/l | |
| 14) 1,2,4-Trichlorobenzene | 15.71 | 180 | 104008m | 8.36 | ug/l | |
| 15) Naphthalene | 15.88 | 128 | 556927m | 14.48 | ug/l | |
| 16) Hexachlorobutadiene | 16.43 | 225 | 9834m | 1.72 | ug/l | |
| 18) Hexachlorocyclopentadiene | 18.62 | 237 | 8161 | 1.63 | ug/l | 97 |
| 19) 2-Chloronaphthalene | 19.39 | 162 | 336010 | 15.41 | ug/l | 99 |
| 20) Dimethylphthalate | 20.48 | 163 | 464721 | 16.75 | ug/l | 100 |
| 21) 2,6-Dinitrotoluene | 20.70 | 165 | 84127 | 13.95 | ug/l | 97 |
| 22) Acenaphthylene | 20.66 | 152 | 591203 | 15.07 | ug/l | 100 |
| 23) Acenaphthene | 21.23 | 153 | 375689 | 16.32 | ug/l | 99 |
| 24) 2,4-Dinitrotoluene | 21.87 | 165 | 94432 | 14.61 | ug/l | 91 |
| 25) Diethylphthalate | 22.61 | 149 | 463652 | 18.42 | ug/l | 98 |
| 26) 4-Chlorophenyl-phenylether | 22.77 | 204 | 179451 | 15.07 | ug/l | 98 |
| 27) Fluorene | 22.75 | 166 | 422561 | 17.22 | ug/l | 100 |
| 29) Azobenzen/ 1,2-Diphenylhyd | 23.23 | 77 | 494679 | 14.63 | ug/L | 98 |
| 31) N-Nitrosodiphenylamine | 23.16 | 168 | 143263 | 15.59 | ug/l | 96 |
| 32) 4-Bromophenyl-phenylether | 24.23 | 248 | 101229 | 15.03 | ug/l | 97 |
| 33) Hexachlorobenzene | 24.67 | 284 | 115785 | 15.40 | ug/l | 98 |
| 34) Phenanthrene | 25.64 | 178 | 569843 | 16.96 | ug/l | 100 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\REFC1.D Vial: 40
Acq On : 5 May 2002 6:14 am Operator:
Sample : GC/MS SCAN 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 14:29 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

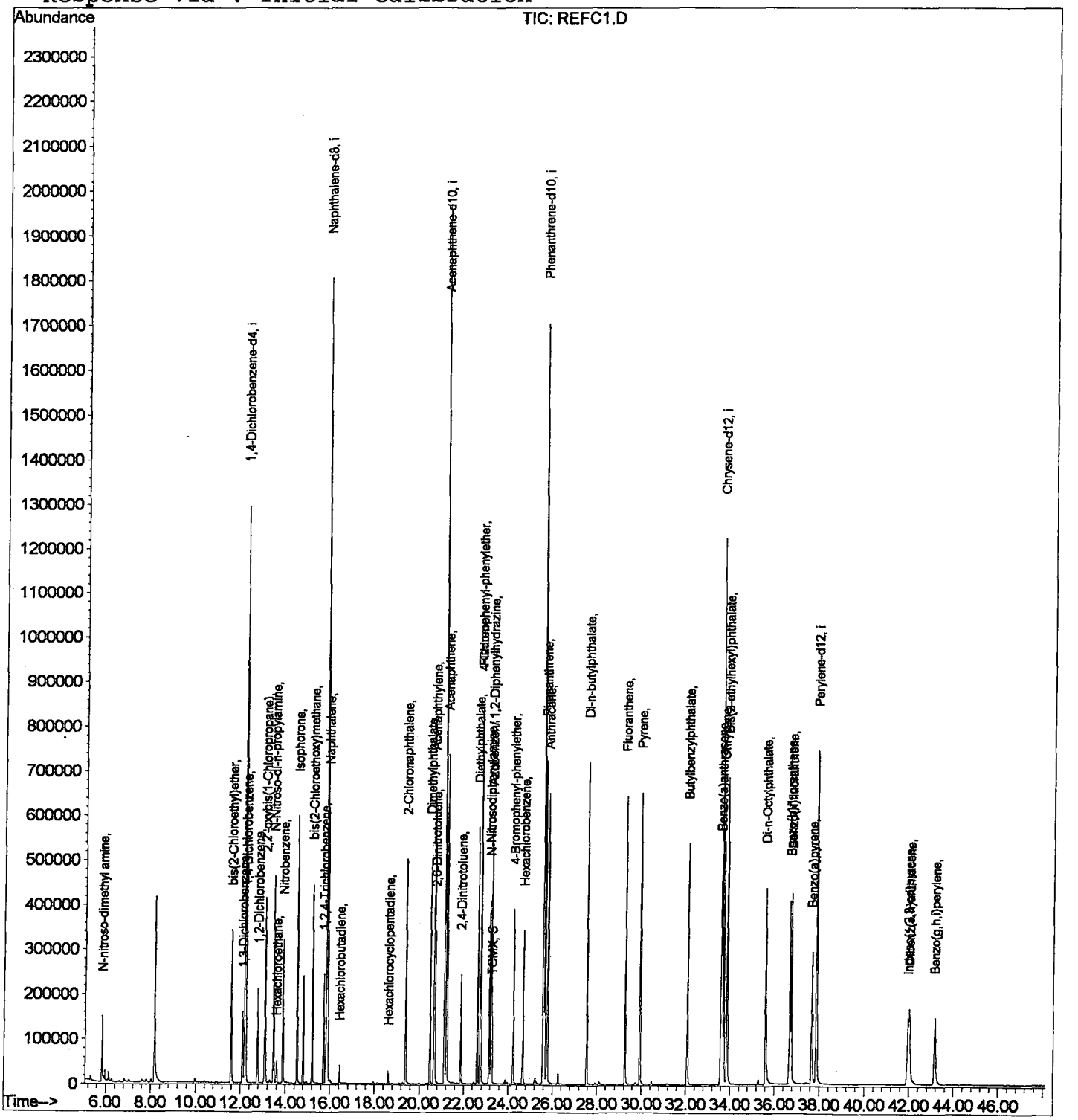
| | Compound | R.T. | QIon | Response | Conc Unit | Qvalue |
|---|---|---|---|---|---|---|
| 35) | Anthracene | 25.77 | 178 | 543525 | 15.36 ug/l | 99 |
| 36) | Di-n-butylphthalate | 27.55 | 149 | 777989 | 16.93 ug/l | 99 |
| 37) | Fluoranthene | 29.26 | 202 | 558459 | 16.63 ug/l | 99 |
| 39) | Pyrene | 29.94 | 202 | 578763 | 17.71 ug/l | 95 |
| 40) | Butylbenzylphthalate | 32.08 | 149 | 283905 | 16.18 ug/l | 98 |
| 41) | Benzo(a)anthracene | 33.58 | 228 | 436810 | 17.17 ug/l | 99 |
| 42) | Bis(2-ethylhexyl)phthalate | 33.85 | 149 | 396715 | 17.57 ug/l | 100 |
| 43) | Chrysene | 33.71 | 228 | 471113 | 19.05 ug/l | 99 |
| 45) | Di-n-Octylphthalate | 35.60 | 149 | 543160 | 14.82 ug/l | 100 |
| 46) | Benzo(b)fluoranthene | 36.69 | 252 | 358351 | 15.84 ug/l | 99 |
| 47) | Benzo(k)fluoranthene | 36.75 | 252 | 414047 | 17.69 ug/l | 99 |
| 48) | Benzo(a)pyrene | 37.67 | 252 | 303226 | 14.56 ug/l | 99 |
| 49) | Indeno(1,2,3-cd)pyrene | 41.95 | 276 | 314586 | 17.95 ug/l | 99 |
| 50) | Dibenz(a,h)anthracene | 42.02 | 278 | 253118 | 18.26 ug/l | 100 |
| 51) | Benzo(g,h,i)perylene | 43.17 | 276 | 268508 | 20.01 ug/l | 98 |

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

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0302\REFC1.D Vial: 40
Acq On : 5 May 2002 6:14 am Operator:
Sample : GC/MS SCAN 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 14:29 2002 Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\REFC2.D Vial: 41
Acq On : 5 May 2002 7:12 am Operator:
Sample : GC/MS SCAN 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 14:31 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.19 | 152 | 450068 | 40.00 | ug/l | -0.02 |
| 10) Naphthalene-d8 | 15.82 | 136 | 1663376 | 40.00 | ug/l | -0.03 |
| 17) Acenaphthene-d10 | 21.14 | 164 | 890239 | 40.00 | ug/l | -0.01 |
| 30) Phenanthrene-d10 | 25.57 | 188 | 1241818 | 40.00 | ug/l | -0.02 |
| 38) Chrysene-d12 | 33.64 | 240 | 817039 | 40.00 | ug/l | -0.03 |
| 44) Perylene-d12 | 37.86 | 264 | 532064 | 40.00 | ug/l | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 28) TCMX | 23.27 | 209 | 27851 | 6.43 | ug/L | -0.02 |
| Spiked Amount 10.000 | | | Recovery = 64.30% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 5.83 | 74 | 124097 | 10.08 | ug/l | 99 |
| 3) bis(2-Chloroethyl)ether | 11.59 | 93 | 226625 | 14.20 | ug/l | 98 |
| 4) 1,3-Dichlorobenzene | 12.09 | 146 | 128557 | 9.17 | ug/l | 97 |
| 5) 1,4-Dichlorobenzene | 12.24 | 146 | 143089 | 9.33 | ug/l | 99 |
| 6) 1,2-Dichlorobenzene | 12.75 | 146 | 149635 | 11.26 | ug/l | 99 |
| 7) 2,2'-oxybis(1-Chloropropan | 13.07 | 45 | 477841 | 14.48 | ug/l | 99 |
| 8) N-Nitroso-di-n-propylamine | 13.46 | 70 | 179410 | 15.00 | ug/l | 98 |
| 9) Hexachloroethane | 13.61 | 117 | 24634 | 4.28 | ug/l | 94 |
| 11) Nitrobenzene | 13.87 | 77 | 205809 | 13.58 | ug/l | 99 |
| 12) Isophorone | 14.52 | 82 | 500961 | 17.06 | ug/l | 98 |
| 13) bis(2-Chloroethoxy)methane | 15.20 | 93 | 280981 | 15.07 | ug/l | 99 |
| 14) 1,2,4-Trichlorobenzene | 15.71 | 180 | 122500 | 10.87 | ug/l | 100 |
| 15) Naphthalene | 15.89 | 128 | 520227 | 14.94 | ug/l | 100 |
| 16) Hexachlorobutadiene | 16.43 | 225 | 15931 | 3.08 | ug/l | 98 |
| 18) Hexachlorocyclopentadiene | 18.63 | 237 | 12537 | 2.78 | ug/l | 99 |
| 19) 2-Chloronaphthalene | 19.39 | 162 | 309190 | 15.73 | ug/l | 99 |
| 20) Dimethylphthalate | 20.48 | 163 | 409405 | 16.36 | ug/l | 100 |
| 21) 2,6-Dinitrotoluene | 20.70 | 165 | 73328 | 13.49 | ug/l | 97 |
| 22) Acenaphthylene | 20.66 | 152 | 513125 | 14.50 | ug/l | 100 |
| 23) Acenaphthene | 21.23 | 153 | 332973 | 16.04 | ug/l | 99 |
| 24) 2,4-Dinitrotoluene | 21.86 | 165 | 81723 | 14.02 | ug/l | 100 |
| 25) Diethylphthalate | 22.61 | 149 | 402038 | 17.71 | ug/l | 99 |
| 26) 4-Chlorophenyl-phenylether | 22.77 | 204 | 162438 | 15.13 | ug/l | 99 |
| 27) Fluorene | 22.74 | 166 | 366426 | 16.56 | ug/l | 100 |
| 29) Azobenzen/ 1,2-Diphenylhyd | 23.24 | 77 | 433049 | 14.20 | ug/L | 96 |
| 31) N-Nitrosodiphenylamine | 23.15 | 168 | 132398 | 16.08 | ug/l | 99 |
| 32) 4-Bromophenyl-phenylether | 24.23 | 248 | 91151 | 15.11 | ug/l | 100 |
| 33) Hexachlorobenzene | 24.67 | 284 | 105090 | 15.60 | ug/l | 96 |
| 34) Phenanthrene | 25.64 | 178 | 495555 | 16.47 | ug/l | 99 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\REFC2.D Vial: 41
Acq On : 5 May 2002 7:12 am Operator:
Sample : GC/MS SCAN 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 7 14:31 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

| | Compound | R.T. | QIon | Response | Conc | Unit | Qvalue |
|---|---|---|---|---|---|---|---|
| 35) | Anthracene | 25.77 | 178 | 471763 | 14.88 | ug/l | 100 |
| 36) | Di-n-butylphthalate | 27.55 | 149 | 660014 | 16.04 | ug/l | 99 |
| 37) | Fluoranthene | 29.27 | 202 | 473676 | 15.75 | ug/l | 98 |
| 39) | Pyrene | 29.94 | 202 | 491252 | 17.40 | ug/l | 95 |
| 40) | Butylbenzylphthalate | 32.08 | 149 | 230939 | 15.24 | ug/l | 96 |
| 41) | Benzo(a)anthracene | 33.58 | 228 | 349300 | 15.90 | ug/l | 98 |
| 42) | Bis(2-ethylhexyl)phthalate | 33.86 | 149 | 307569 | 15.77 | ug/l | 100 |
| 43) | Chrysene | 33.71 | 228 | 364756 | 17.08 | ug/l | 99 |
| 45) | Di-n-Octylphthalate | 35.60 | 149 | 398342 | 12.66 | ug/l | 100 |
| 46) | Benzo(b)fluoranthene | 36.69 | 252 | 311838 | 16.06 | ug/l | 97 |
| 47) | Benzo(k)fluoranthene | 36.75 | 252 | 331104 | 16.48 | ug/l | 97 |
| 48) | Benzo(a)pyrene | 37.67 | 252 | 235078 | 13.15 | ug/l | 99 |
| 49) | Indeno(1,2,3-cd)pyrene | 41.94 | 276 | 240166 | 15.96 | ug/l | 99 |
| 50) | Dibenz(a,h)anthracene | 42.01 | 278 | 195816 | 16.45 | ug/l | 99 |
| 51) | Benzo(g,h,i)perylene | 43.16 | 276 | 203132 | 17.63 | ug/l | 99 |

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

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0302\REFC2.D
Acq On : 5 May 2002 7:12 am
Sample : GC/MS SCAN 4/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 7 14:31 2002

Vial: 41
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration