Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\CAL20.D Vial: 2
Acq On : 18 Apr 2002 12:30 pm Operator:
Sample : Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 8:15 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.21 | 152 | 634921 | 20.00 | ug/l | -0.03 |
| 10) Naphthalene-d8 | 15.85 | 136 | 2306456 | 20.00 | ug/l | -0.03 |
| 17) Acenaphthene-d10 | 21.15 | 164 | 1317834 | 20.00 | ug/l | -0.02 |
| 30) Phenanthrene-d10 | 25.60 | 188 | 1965240 | 20.00 | ug/l | -0.02 |
| 39) Chrysene-d12 | 33.65 | 240 | 1219392 | 20.00 | ug/l | -0.03 |
| 45) Perylene-d12 | 37.87 | 264 | 762289 | 20.00 | ug/l | -0.05 |
| **System Monitoring Compounds** | | | | | | |
| 28) TCMX | 0.00 | 209 | 0 | 0.00 | ug/L | |
| Spiked Amount 10.000 | | | Recovery = | 0.00% | | |
| 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 | 5.85 | 74 | 251075 | 18.17 | ug/l | 97 |
| 3) bis(2-Chloroethyl)ether | 11.63 | 93 | 395995 | 18.41 | ug/l | 99 |
| 4) 1,3-Dichlorobenzene | 12.11 | 146 | 442755 | 19.96 | ug/l | 98 |
| 5) 1,4-Dichlorobenzene | 12.26 | 146 | 457670 | 20.51 | ug/l | 98 |
| 6) 1,2-Dichlorobenzene | 12.78 | 146 | 422165 | 20.37 | ug/l | 98 |
| 7) 2,2'-oxybis(1-Chloropropan | 13.09 | 45 | 519883 | 17.50 | ug/l | 98 |
| 8) N-Nitroso-di-n-propylamine | 13.49 | 70 | 254804 | 18.06 | ug/l | 99 |
| 9) Hexachloroethane | 13.63 | 117 | 158043 | 19.33 | ug/l | 91 |
| 11) Nitrobenzene | 13.90 | 77 | 393637 | 19.47 | ug/l | 98 |
| 12) Isophorone | 14.54 | 82 | 716976 | 18.74 | ug/l | 99 |
| 13) bis(2-Chloroethoxy)methane | 15.22 | 93 | 478620 | 19.20 | ug/l | 99 |
| 14) 1,2,4-Trichlorobenzene | 15.74 | 180 | 381562 | 21.76 | ug/l | 99 |
| 15) Naphthalene | 15.90 | 128 | 1143548 | 20.62 | ug/l | 99 |
| 16) Hexachlorobutadiene | 16.44 | 225 | 197150 | 22.48 | ug/l | 99 |
| 18) Hexachlorocyclopentadiene | 18.64 | 237 | 115215 | 19.77 | ug/l | 99 |
| 19) 2-Chloronaphthalene | 19.41 | 162 | 712527 | 20.50 | ug/l | 98 |
| 20) Dimethylphthalate | 20.50 | 163 | 810044 | 20.22 | ug/l | 99 |
| 21) 2,6-Dinitrotoluene | 20.71 | 165 | 189470 | 19.78 | ug/l | 98 |
| 22) Acenaphthylene | 20.68 | 152 | 985983 | 20.28 | ug/l | 100 |
| 23) Acenaphthene | 21.25 | 153 | 703961 | 20.37 | ug/l | 99 |
| 24) 2,4-Dinitrotoluene | 21.88 | 165 | 232557 | 18.44 | ug/l | 97 |
| 25) Diethylphthalate | 22.64 | 149 | 757320 | 19.71 | ug/l | 99 |
| 26) 4-Chlorophenyl-phenylether | 22.78 | 204 | 376058 | 22.05 | ug/l | 99 |
| 27) Fluorene | 22.76 | 166 | 778930 | 21.28 | ug/l | 98 |
| 29) Azobenzen/ 1,2-Diphenylhyd | 23.25 | 77 | 734036 | 18.05 | ug/L | 98 |
| 31) N-Nitrosodiphenylamine | 23.18 | 168 | 336482 | 20.58 | ug/l | 98 |
| 32) 4-Bromophenyl-phenylether | 24.25 | 248 | 208568 | 21.86 | ug/l | 96 |

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

CAL20.D GCMS0412.M Fri Apr 19 15:10:30 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\CAL20.D Vial: 2
Acq On : 18 Apr 2002 12:30 pm Operator:
Sample : Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 8:15 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

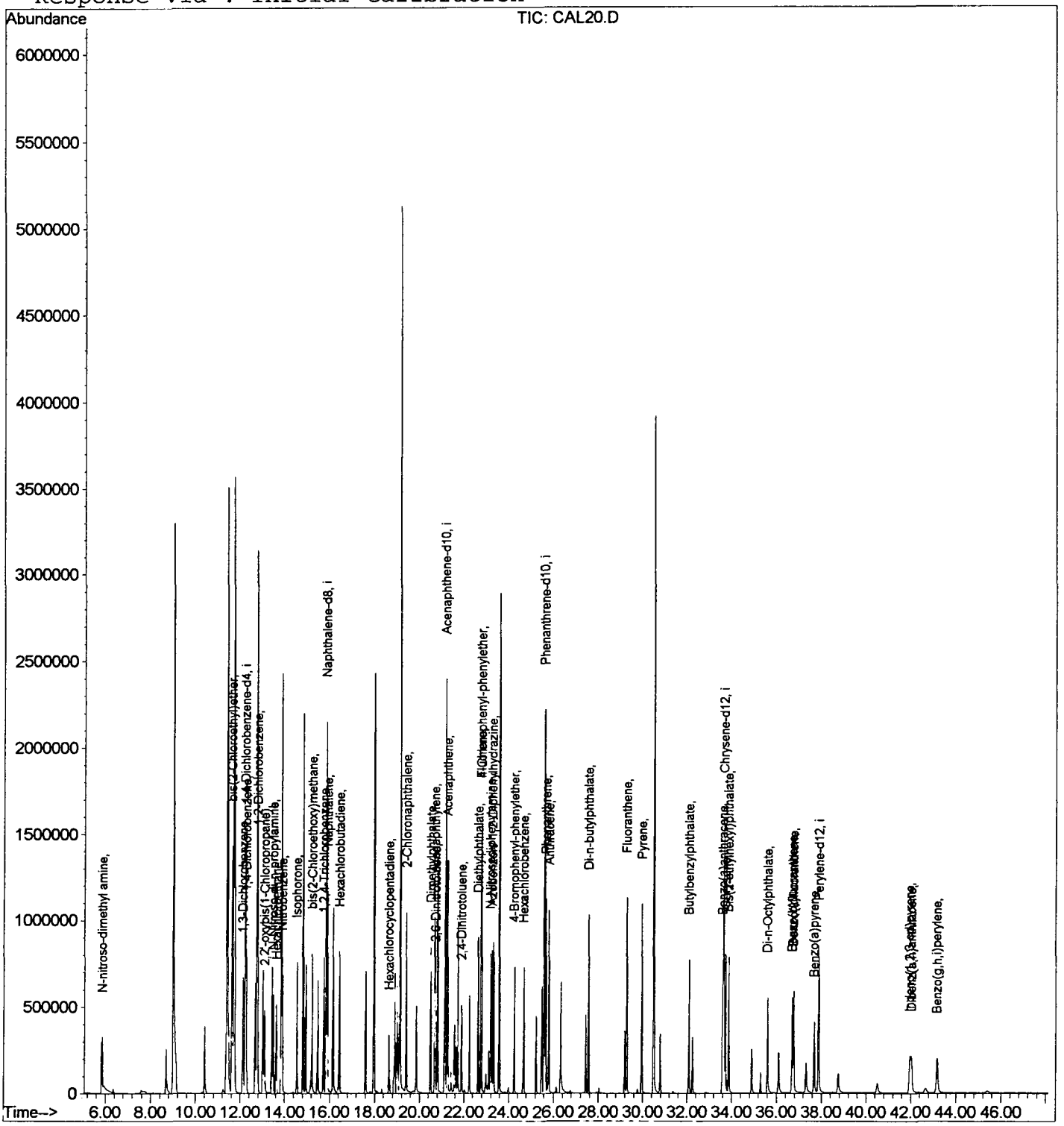
| | Compound | R.T. | QIon | Response | Conc | Unit | | Qvalue |
|---|---|---|---|---|---|---|---|---|
| 33) | Hexachlorobenzene | 24.69 | 284 | 252322 | 22.35 | ug/l | | 95 |
| 34) | Phenanthrene | 25.66 | 178 | 1037749 | 20.45 | ug/l | | 100 |
| 35) | Anthracene | 25.79 | 178 | 1012826 | 20.29 | ug/l | | 99 |
| 36) | Di-n-butylphthalate | 27.56 | 149 | 1192910 | 18.79 | ug/l | | 100 |
| 37) | Fluoranthene | 29.28 | 202 | 1035567 | 20.28 | ug/l | | 95 |
| 40) | Pyrene | 29.96 | 202 | 1041199 | 21.25 | ug/l | | 94 |
| 41) | Butylbenzylphthalate | 32.09 | 149 | 422104 | 17.62 | ug/l | | 94 |
| 42) | Benzo(a)anthracene | 33.59 | 228 | 680114 | 20.01 | ug/l | | 100 |
| 43) | Bis(2-ethylhexyl)phthalate | 33.86 | 149 | 489833 | 15.98 | ug/l | | 99 |
| 44) | Chrysene | 33.72 | 228 | 684939 | 20.33 | ug/l | | 99 |
| 46) | Di-n-Octylphthalate | 35.60 | 149 | 660222 | 14.66 | ug/l | # | 98 |
| 47) | Benzo(b)fluoranthene | 36.70 | 252 | 548964 | 18.87 | ug/l | | 97 |
| 48) | Benzo(k)fluoranthene | 36.76 | 252 | 607639 | 21.45 | ug/l | | 98 |
| 49) | Benzo(a)pyrene | 37.68 | 252 | 468371 | 19.53 | ug/l | | 98 |
| 50) | Indeno(1,2,3-cd)pyrene | 41.96 | 276 | 465576 | 19.28 | ug/l | | 93 |
| 51) | Dibenz(a,h)anthracene | 42.03 | 278 | 369538 | 20.07 | ug/l | | 97 |
| 52) | Benzo(g,h,i)perylene | 43.18 | 276 | 387023 | 19.20 | ug/l | | 98 |

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

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1802\CAL20.D Vial: 2
Acq On : 18 Apr 2002 12:30 pm Operator:
Sample : Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 8:15 2002 Quant Results File: GCMS0412.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



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\CAL20A.D Vial: 2
Acq On : 19 Apr 2002 1:41 pm Operator:
Sample : Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 15:20 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 | 962469 | 20.00 | ug/l | -0.02 |
| 10) Naphthalene-d8 | 15.85 | 136 | 3504915 | 20.00 | ug/l | -0.02 |
| 17) Acenaphthene-d10 | 21.16 | 164 | 1992877 | 20.00 | ug/l | -0.01 |
| 30) Phenanthrene-d10 | 25.60 | 188 | 2964639 | 20.00 | ug/l | -0.01 |
| 39) Chrysene-d12 | 33.66 | 240 | 2048175 | 20.00 | ug/l | -0.01 |
| 45) Perylene-d12 | 37.89 | 264 | 1415001 | 20.00 | ug/l | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 28) TCMX | 0.00 | 209 | 0 | 0.00 | ug/L | |
| Spiked Amount 4.000 | | | Recovery = | 0.00% | | |
| 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 | 5.87 | 74 | 389872 | 18.61 | ug/l | 99 |
| 3) bis(2-Chloroethyl)ether | 11.64 | 93 | 614039 | 18.83 | ug/l | 97 |
| 4) 1,3-Dichlorobenzene | 12.12 | 146 | 682962 | 20.31 | ug/l | 100 |
| 5) 1,4-Dichlorobenzene | 12.26 | 146 | 692259 | 20.46 | ug/l | 100 |
| 6) 1,2-Dichlorobenzene | 12.78 | 146 | 643393 | 20.48 | ug/l | 99 |
| 7) 2,2'-oxybis(1-Chloropropan | 13.10 | 45 | 817740 | 18.15 | ug/l | 98 |
| 8) N-Nitroso-di-n-propylamine | 13.49 | 70 | 397694 | 18.60 | ug/l | 99 |
| 9) Hexachloroethane | 13.62 | 117 | 241990 | 19.52 | ug/l | 94 |
| 11) Nitrobenzene | 13.91 | 77 | 603608 | 19.64 | ug/l | 100 |
| 12) Isophorone | 14.55 | 82 | 1138508 | 19.58 | ug/l | 99 |
| 13) bis(2-Chloroethoxy)methane | 15.23 | 93 | 738464 | 19.50 | ug/l | 99 |
| 14) 1,2,4-Trichlorobenzene | 15.73 | 180 | 580997 | 21.81 | ug/l | 99 |
| 15) Naphthalene | 15.91 | 128 | 1743022 | 20.68 | ug/l | 100 |
| 16) Hexachlorobutadiene | 16.45 | 225 | 301869 | 22.65 | ug/l | 99 |
| 18) Hexachlorocyclopentadiene | 18.64 | 237 | 185690 | 21.07 | ug/l | 99 |
| 19) 2-Chloronaphthalene | 19.42 | 162 | 1094977 | 20.83 | ug/l | 99 |
| 20) Dimethylphthalate | 20.51 | 163 | 1265287 | 20.88 | ug/l | 99 |
| 21) 2,6-Dinitrotoluene | 20.72 | 165 | 299402 | 20.67 | ug/l | 98 |
| 22) Acenaphthylene | 20.68 | 152 | 1526687 | 20.76 | ug/l | 100 |
| 23) Acenaphthene | 21.25 | 153 | 1080282 | 20.67 | ug/l | 99 |
| 24) 2,4-Dinitrotoluene | 21.88 | 165 | 380144 | 19.93 | ug/l | 98 |
| 25) Diethylphthalate | 22.65 | 149 | 1177222 | 20.26 | ug/l | 99 |
| 26) 4-Chlorophenyl-phenylether | 22.78 | 204 | 570642 | 22.13 | ug/l | 93 |
| 27) Fluorene | 22.77 | 166 | 1168938 | 21.12 | ug/l | 97 |
| 29) Azobenzen/ 1,2-Diphenylhyd | 23.25 | 77 | 1129077 | 18.36 | ug/L | 97 |
| 31) N-Nitrosodiphenylamine | 23.19 | 168 | 517679 | 20.99 | ug/l | 99 |
| 32) 4-Bromophenyl-phenylether | 24.25 | 248 | 320313 | 22.26 | ug/l | 94 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\CAL20A.D Vial: 2
Acq On : 19 Apr 2002 1:41 pm Operator:
Sample : Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 19 15:20 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 | 24.68 | 284 | 393199 | 23.09 | ug/l | | 98 |
| 34) Phenanthrene | 25.67 | 178 | 1585803 | 20.71 | ug/l | | 99 |
| 35) Anthracene | 25.80 | 178 | 1546187 | 20.53 | ug/l | | 100 |
| 36) Di-n-butylphthalate | 27.56 | 149 | 1884154 | 19.67 | ug/l | | 99 |
| 37) Fluoranthene | 29.28 | 202 | 1598143 | 20.75 | ug/l | | 94 |
| 40) Pyrene | 29.95 | 202 | 1622031 | 19.71 | ug/l | | 96 |
| 41) Butylbenzylphthalate | 32.08 | 149 | 716598 | 17.81 | ug/l | | 99 |
| 42) Benzo(a)anthracene | 33.60 | 228 | 1182181 | 20.71 | ug/l | | 99 |
| 43) Bis(2-ethylhexyl)phthalate | 33.87 | 149 | 874236 | 16.98 | ug/l | | 97 |
| 44) Chrysene | 33.73 | 228 | 1154103 | 20.39 | ug/l | | 100 |
| 46) Di-n-Octylphthalate | 35.61 | 149 | 1295524 | 15.50 | ug/l | # | 98 |
| 47) Benzo(b)fluoranthene | 36.70 | 252 | 1067811 | 19.77 | ug/l | | 98 |
| 48) Benzo(k)fluoranthene | 36.78 | 252 | 1059638 | 20.15 | ug/l | | 97 |
| 49) Benzo(a)pyrene | 37.68 | 252 | 894642 | 20.09 | ug/l | | 98 |
| 50) Indeno(1,2,3-cd)pyrene | 41.97 | 276 | 879764 | 19.62 | ug/l | | 95 |
| 51) Dibenz(a,h)anthracene | 42.04 | 278 | 696157 | 20.36 | ug/l | | 97 |
| 52) Benzo(g,h,i)perylene | 43.20 | 276 | 699941 | 18.70 | ug/l | | 97 |

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

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1802\CAL20A.D Vial: 2
Acq On : 19 Apr 2002 1:41 pm Operator:
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Response via : Initial Calibration