User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 14:25:56

Sample: AE05035
Analysis: $C1GCMS CALI GCMS
Units: ug
Started: 4/2/02 14:21 Ended: 4/2/02 14:21 Analyst: MG
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 38.12 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 38.84 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 39.61 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 40.01 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 40.39 | | 2.0 |
| 6 | 2,2'-oxybis(1-Chloropropane) | | 37.11 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 39.57 | | 2.0 |
| 8 | Hexachloroethane | | 39.47 | | 2.0 |
| 9 | Nitrobenzene | | 37.85 | | 2.0 |
| 10 | Isophorone | | 37.83 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 38.22 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 41.39 | | 2.0 |
| 13 | Naphthalene | | 39.94 | | 2.0 |
| 14 | Hexachlorobutadiene | | 42.56 | | 2.0 |
| 15 | 2-Chloronaphthalene | | 39.82 | | 2.0 |
| 16 | Dimethylphthalate | | 39.39 | | 2.0 |
| 17 | 2,6-Dinitrotoluene | | 38.98 | | 2.0 |
| 18 | Acenaphthylene | | 39.25 | | 2.0 |
| 19 | Acenaphthene | | 39.09 | | 2.0 |
| 20 | 2,4-Dinitrotoluene | | 37.78 | | 2.0 |
| 21 | Diethylphthalate | | 38.24 | | 2.0 |
| 22 | 4-Chlorophenylphenylether | | 40.60 | | 2.0 |
| 23 | Fluorene | | 39.31 | | 2.0 |
| 24 | Azobenzene/1,2-Diphenylhydraz | | 33.98 | | 2.0 |
| 25 | n-Nitrosodiphenylamine | | 38.51 | | 2.0 |
| 26 | 4-Bromophenylphenylether | | 40.68 | | 2.0 |
| 27 | Hexachlorobenzene | | 40.93 | | 2.0 |
| 28 | Phenanthrene | | 38.44 | | 2.0 |
| 29 | Anthracene | | 37.83 | | 2.0 |
| 30 | Di-n-butylphthalate | | 37.43 | | 2.0 |
| 31 | Fluoranthene | | 37.01 | | 2.0 |
| 32 | Pyrene | | 49.25 | | 2.0 |
| 33 | Butylbenzylphthalate | | 42.82 | | 2.0 |
| 34 | Benzo(a)anthracene | | 37.94 | | 2.0 |
| 35 | bis(2-Ethylhexyl)phthalate | | 37.02 | | 2.0 |
| 36 | Chrysene | | 37.11 | | 2.0 |
| 37 | Di-n-octylphthalate | | 45.23 | | 2.0 |
| 38 | Benzo(b)fluoranthene | | 43.04 | | 2.0 |
| 39 | Benzo(k)fluoranthene | | 44.25 | | 2.0 |
| 40 | Benzo(a)pyrene | | 38.02 | | 2.0 |
| 41 | Indeno(1,2,3-cd)pyrene | | 28.68 | | 2.0 |
| 42 | Dibenz(a,h)anthracene | | 28.55 | | 2.0 |
| 43 | Benzo(g,h,i)perylene | | 27.88 | | 2.0 |

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\CAL40.D Vial: 2
Acq On : 29 Mar 2002 4:55 pm Operator:
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 10:36 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.26 | 152 | 666422 | 20.00 | ug/l | -0.09 |
| 10) Naphthalene-d8 | 15.90 | 136 | 2672991 | 20.00 | ug/l | -0.10 |
| 17) Acenaphthene-d10 | 21.21 | 164 | 1463415 | 20.00 | ug/l | -0.10 |
| 29) Phenanthrene-d10 | 25.65 | 188 | 2233086 | 20.00 | ug/l | -0.11 |
| 38) Chrysene-d12 | 33.71 | 240 | 1323282 | 20.00 | ug/l | -0.13 |
| 44) Perylene-d12 | 37.95 | 264 | 685468 | 20.00 | ug/l | -0.17 |
| **System Monitoring Compounds** | | | | | | |
| 37) 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 | 5.91 | 74 | 861761 | 38.12 | ug/l # | 69 |
| 3) bis(2-Chloroethyl)ether | 11.68 | 93 | 1414196 | 38.84 | ug/l | 90 |
| 4) 1,3-Dichlorobenzene | 12.16 | 146 | 1490270 | 39.61 | ug/l | 100 |
| 5) 1,4-Dichlorobenzene | 12.30 | 146 | 1508429 | 40.01 | ug/l | 99 |
| 6) 1,2-Dichlorobenzene | 12.83 | 146 | 1420596 | 40.39 | ug/l | 100 |
| 7) 2,2'-oxybis(1-Chloropropan | 13.14 | 45 | 1901405 | 37.11 | ug/l | 99 |
| 8) N-Nitroso-di-n-propylamine | 13.55 | 70 | 937250 | 39.57 | ug/l # | 86 |
| 9) Hexachloroethane | 13.66 | 117 | 556228 | 39.47 | ug/l | 97 |
| 11) Nitrobenzene | 13.96 | 77 | 1383156 | 37.85 | ug/l | 92 |
| 12) Isophorone | 14.61 | 82 | 2621677 | 37.83 | ug/l | 99 |
| 13) bis(2-Chloroethoxy)methane | 15.28 | 93 | 1733529 | 38.22 | ug/l | 98 |
| 14) 1,2,4-Trichlorobenzene | 15.78 | 180 | 1298721 | 41.39 | ug/l | 96 |
| 15) Naphthalene | 15.96 | 128 | 3946255 | 39.94 | ug/l | 99 |
| 16) Hexachlorobutadiene | 16.49 | 225 | 665734 | 42.56 | ug/l | 100 |
| 18) Hexachlorocyclopentadiene | 18.68 | 237 | 503514 | 50.80 | ug/l | 99 |
| 19) 2-Chloronaphthalene | 19.46 | 162 | 2502257 | 39.82 | ug/l | 97 |
| 20) Dimethylphthalate | 20.57 | 163 | 2900445 | 39.39 | ug/l | 99 |
| 21) 2,6-Dinitrotoluene | 20.78 | 165 | 696860 | 38.98 | ug/l # | 82 |
| 22) Acenaphthylene | 20.74 | 152 | 3525164 | 39.25 | ug/l | 99 |
| 23) Acenaphthene | 21.31 | 153 | 2453837 | 39.09 | ug/l | 98 |
| 24) 2,4-Dinitrotoluene | 21.95 | 165 | 903563 | 37.78 | ug/l # | 76 |
| 25) Diethylphthalate | 22.71 | 149 | 2733632 | 38.24 | ug/l | 95 |
| 26) 4-Chlorophenyl-phenylether | 22.84 | 204 | 1242783 | 40.60 | ug/l | 92 |
| 27) Fluorene | 22.82 | 166 | 2610274 | 39.31 | ug/l | 100 |
| 28) Azobenzen/ 1,2-Diphenylhyd | 23.31 | 77 | 2603502 | 33.98 | ug/L # | 85 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\CAL40.D Vial: 2
Acq On : 29 Mar 2002 4:55 pm Operator:
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 10:36 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

| | Compound | R.T. | QIon | Response | Conc | Unit | | Qvalue |
|---|---|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 23.25 | 168 | 1161722 | 38.51 | ug/l | # | 81 |
| 31) | 4-Bromophenyl-phenylether | 24.31 | 248 | 721170 | 40.68 | ug/l | # | 89 |
| 32) | Hexachlorobenzene | 24.75 | 284 | 842592 | 40.93 | ug/l | # | 87 |
| 33) | Phenanthrene | 25.73 | 178 | 3707734 | 38.44 | ug/l | | 99 |
| 34) | Anthracene | 25.85 | 178 | 3619078 | 37.83 | ug/l | | 99 |
| 35) | Di-n-butylphthalate | 27.62 | 149 | 4543496 | 37.43 | ug/l | | 99 |
| 36) | Fluoranthene | 29.35 | 202 | 3744560 | 37.01 | ug/l | | 95 |
| 39) | Pyrene | 30.02 | 202 | 3742274 | 49.25 | ug/l | # | 91 |
| 40) | Butylbenzylphthalate | 32.14 | 149 | 1677693 | 42.82 | ug/l | | 97 |
| 41) | Benzo(a)anthracene | 33.66 | 228 | 2397682 | 37.94 | ug/l | | 99 |
| 42) | Bis(2-ethylhexyl)phthalate | 33.91 | 149 | 1958274 | 37.02 | ug/l | | 95 |
| 43) | Chrysene | 33.80 | 228 | 2300021 | 37.11 | ug/l | | 99 |
| 45) | Di-n-Octylphthalate | 35.66 | 149 | 2731711 | 45.23 | ug/l | # | 97 |
| 46) | Benzo(b)fluoranthene | 36.77 | 252 | 1801674m | 43.04 | ug/l | | |
| 47) | Benzo(k)fluoranthene | 36.84 | 252 | 1806067 | 44.25 | ug/l | # | 97 |
| 48) | Benzo(a)pyrene | 37.77 | 252 | 1450475 | 38.02 | ug/l | # | 97 |
| 49) | Indeno(1,2,3-cd)pyrene | 42.09 | 276 | 1321470 | 28.68 | ug/l | | 95 |
| 50) | Dibenz(a,h)anthracene | 42.17 | 278 | 1018226 | 28.55 | ug/l | | 97 |
| 51) | Benzo(g,h,i)perylene | 43.34 | 276 | 1047453 | 27.88 | ug/l | | 96 |

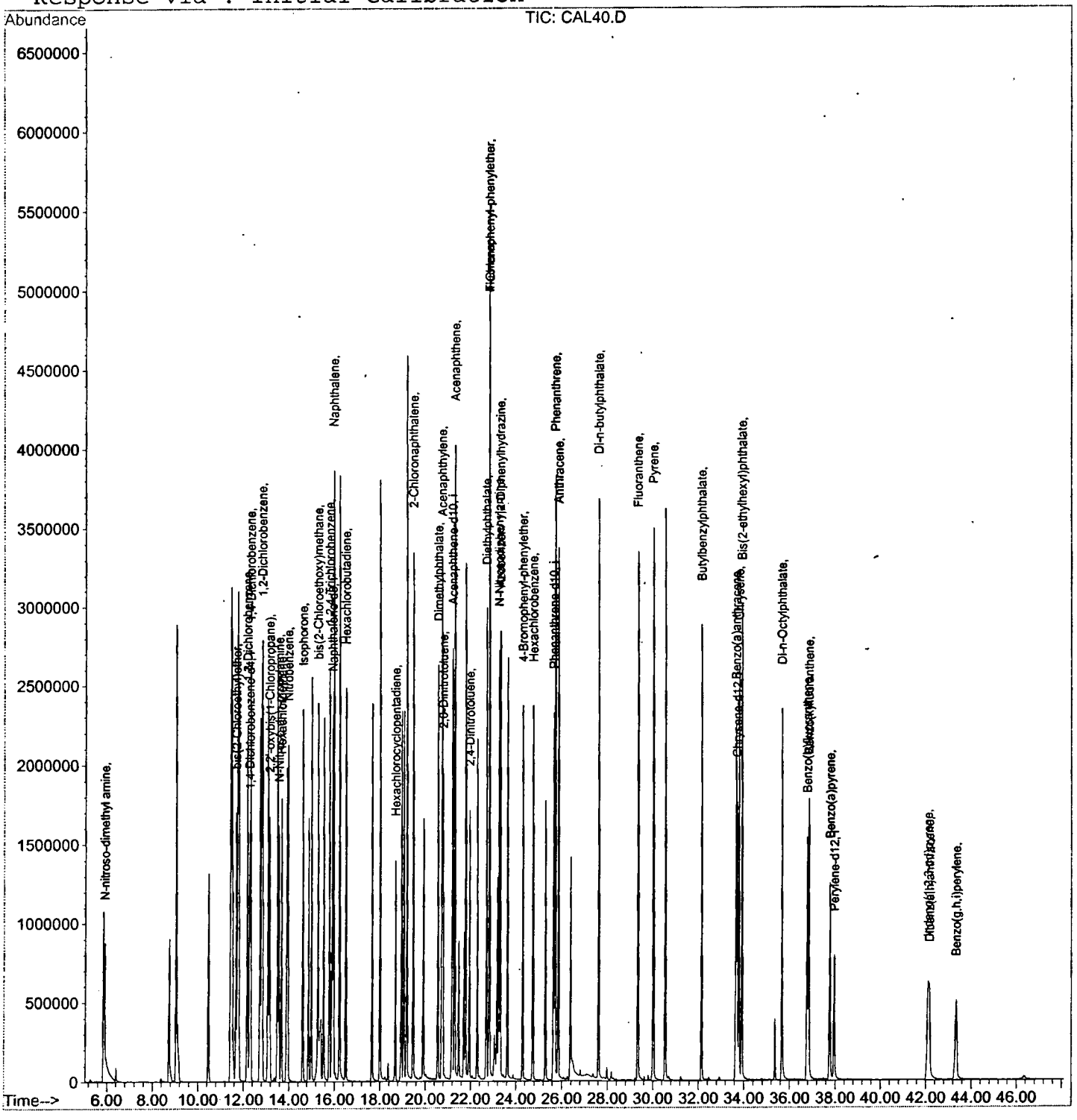
(#) = qualifier out of range (m) = manual integration

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR3002\CAL40.D
Acq On : 29 Mar 2002 4:55 pm
Sample :
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 2 10:36 2002

Vial: 2
Operator:
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration



User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 14:28:31

Sample: AE05035
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/2/02 14:21 Ended: 4/2/02 14:21 Analyst: MG
Page: 1

| | Component Name | Viol. | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 4.82 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 7.51 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 6.34 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 6.56 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 6.97 | | 2.0 |
| 6 | 2,2-oxybis(1-Chloropropane) | | 7.36 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 7.63 | | 2.0 |
| 8 | Hexachloroethane | | 5.26 | | 2.0 |
| 9 | Nitrobenzene | | 7.55 | | 2.0 |
| 10 | Isophorone | | 8.63 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 8.20 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 7.81 | | 2.0 |
| 13 | Naphthalene | | 8.55 | | 2.0 |
| 14 | Hexachlorobutadiene | | 6.03 | | 2.0 |
| 15 | 2-Chloronaphthalene | | 8.12 | | 2.0 |
| 16 | Dimethylphthalate | | 9.02 | | 2.0 |
| 17 | 2,6-Dinitrotoluene | | 7.60 | | 2.0 |
| 18 | Acenaphthylene | | 8.57 | | 2.0 |
| 19 | Acenaphthene | | 8.56 | | 2.0 |
| 20 | 2,4-Dinitrotoluene | | 7.05 | | 2.0 |
| 21 | Diethylphthalate | | 8.84 | | 2.0 |
| 22 | 4-Chlorophenylphenylether | | 9.47 | | 2.0 |
| 23 | Fluorene | | 9.00 | | 2.0 |
| 24 | Azobenzene/1,2-Diphenylhydraz | | 6.99 | | 2.0 |
| 25 | n-Nitrosodiphenylamine | | 7.40 | | 2.0 |
| 26 | 4-Bromophenylphenylether | | 9.50 | | 2.0 |
| 27 | Hexachlorobenzene | | 9.94 | | 2.0 |
| 28 | Phenanthrene | | 9.04 | | 2.0 |
| 29 | Anthracene | | 7.76 | | 2.0 |
| 30 | Di-n-butylphthalate | | 8.96 | | 2.0 |
| 31 | Fluoranthene | | 8.23 | | 2.0 |
| 32 | Pyrene | | 11.12 | | 2.0 |
| 33 | Butylbenzylphthalate | | 9.86 | | 2.0 |
| 34 | Benzo(a)anthracene | | 8.19 | | 2.0 |
| 35 | bis(2-Ethylhexyl)phthalate | | 8.62 | | 2.0 |
| 36 | Chrysene | | 9.46 | | 2.0 |
| 37 | Di-n-octylphthalate | | 7.83 | | 2.0 |
| 38 | Benzo(b)fluoranthene | | 9.09 | | 2.0 |
| 39 | Benzo(k)fluoranthene | | 11.00 | | 2.0 |
| 40 | Benzo(a)pyrene | | 6.36 | | 2.0 |
| 41 | Indeno(1,2,3-cd)pyrene | | 5.09 | | 2.0 |
| 42 | Dibenz(a,h)anthracene | | 5.65 | | 2.0 |
| 43 | Benzo(g,h,i)perylene | | 5.63 | | 2.0 |

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 14:28:36

Sample: AE05035
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/2/02 14:21 Ended: 4/2/02 14:21 Analyst: MG
Result source: calculation
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 48 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 75 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 63 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 66 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 70 | | 2.0 |
| 6 | 2,2-oxybis(1-Chloropropane) | | 74 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 76 | | 2.0 |
| 8 | Hexachloroethane | | 53 | | 2.0 |
| 9 | Nitrobenzene | | 76 | | 2.0 |
| 10 | Isophorone | | 86 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 82 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 78 | | 2.0 |
| 13 | Naphthalene | | 86 | | 2.0 |
| 14 | Hexachlorobutadiene | | 60 | | 2.0 |
| 15 | 2-Chloronaphthalene | | 81 | | 2.0 |
| 16 | Dimethylphthalate | | 90 | | 2.0 |
| 17 | 2,6-Dinitrotoluene | | 76 | | 2.0 |
| 18 | Acenaphthylene | | 86 | | 2.0 |
| 19 | Acenaphthene | | 86 | | 2.0 |
| 20 | 2,4-Dinitrotoluene | | 70 | | 2.0 |
| 21 | Diethylphthalate | | 88 | | 2.0 |
| 22 | 4-Chlorophenylphenylether | | 95 | | 2.0 |
| 23 | Fluorene | | 90 | | 2.0 |
| 24 | Azobenzene/1,2-Diphenylhydraz | | 70 | | 2.0 |
| 25 | n-Nitrosodiphenylamine | | 74 | | 2.0 |
| 26 | 4-Bromophenylphenylether | | 95 | | 2.0 |
| 27 | Hexachlorobenzene | | 99 | | 2.0 |
| 28 | Phenanthrene | | 90 | | 2.0 |
| 29 | Anthracene | | 78 | | 2.0 |
| 30 | Di-n-butylphthalate | | 90 | | 2.0 |
| 31 | Fluoranthene | | 82 | | 2.0 |
| 32 | Pyrene | | 110 | | 2.0 |
| 33 | Butylbenzylphthalate | | 99 | | 2.0 |
| 34 | Benzo(a)anthracene | | 82 | | 2.0 |
| 35 | bis(2-Ethylhexyl)phthalate | | 86 | | 2.0 |
| 36 | Chrysene | | 95 | | 2.0 |
| 37 | Di-n-octylphthalate | | 78 | | 2.0 |
| 38 | Benzo(b)fluoranthene | | 91 | | 2.0 |
| 39 | Benzo(k)fluoranthene | | 110 | | 2.0 |
| 40 | Benzo(a)pyrene | | 64 | | 2.0 |
| 41 | Indeno(1,2,3-cd)pyrene | | 51 | | 2.0 |
| 42 | Dibenz(a,h)anthracene | | 56 | | 2.0 |
| 43 | Benzo(g,h,i)perylene | | 56 | | 2.0 |

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\REF1.D Vial: 17
Acq On : 30 Mar 2002 6:51 am Operator:
Sample : gc/ms scan 3/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 7:39 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.25 | 152 | 513280 | 20.00 | ug/l | | -0.10 |
| 10) Naphthalene-d8 | 15.89 | 136 | 1856731 | 20.00 | ug/l | | -0.11 |
| 17) Acenaphthene-d10 | 21.19 | 164 | 1061461 | 20.00 | ug/l | | -0.12 |
| 29) Phenanthrene-d10 | 25.63 | 188 | 1527208 | 20.00 | ug/l | | -0.13 |
| 38) Chrysene-d12 | 33.69 | 240 | 802109 | 20.00 | ug/l | | -0.15 |
| 44) Perylene-d12 | 37.94 | 264 | 425496 | 20.00 | ug/l | | -0.19 |
| **System Monitoring Compounds** | | | | | | | |
| 37) 2,4-DDD | 30.71 | 235 | 84212 | 5.50 | ug/mL | | 0.21 |
| Spiked Amount 5.000 | | | Recovery = 110.00% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 5.89 | 74 | 83863 | 4.82 | ug/l | # | 72 |
| 3) bis(2-Chloroethyl)ether | 11.64 | 93 | 210636 | 7.51 | ug/l | | 90 |
| 4) 1,3-Dichlorobenzene | 12.15 | 146 | 183764 | 6.34 | ug/l | | 97 |
| 5) 1,4-Dichlorobenzene | 12.30 | 146 | 190470 | 6.56 | ug/l | | 99 |
| 6) 1,2-Dichlorobenzene | 12.81 | 146 | 188887 | 6.97 | ug/l | | 99 |
| 7) 2,2'-oxybis(1-Chloropropan | 13.13 | 45 | 290311 | 7.36 | ug/l | | 99 |
| 8) N-Nitroso-di-n-propylamine | 13.52 | 70 | 139187 | 7.63 | ug/l | # | 85 |
| 9) Hexachloroethane | 13.66 | 117 | 57044 | 5.26 | ug/l | | 88 |
| 11) Nitrobenzene | 13.93 | 77 | 191695 | 7.55 | ug/l | | 92 |
| 12) Isophorone | 14.57 | 82 | 415260 | 8.63 | ug/l | | 99 |
| 13) bis(2-Chloroethoxy)methane | 15.26 | 93 | 258284 | 8.20 | ug/l | | 97 |
| 14) 1,2,4-Trichlorobenzene | 15.77 | 180 | 170295 | 7.81 | ug/l | | 97 |
| 15) Naphthalene | 15.94 | 128 | 586488 | 8.55 | ug/l | | 99 |
| 16) Hexachlorobutadiene | 16.48 | 225 | 65483 | 6.03 | ug/l | | 98 |
| 18) Hexachlorocyclopentadiene | 18.69 | 237 | 18805 | 2.62 | ug/l | | 96 |
| 19) 2-Chloronaphthalene | 19.45 | 162 | 370215 | 8.12 | ug/l | | 95 |
| 20) Dimethylphthalate | 20.53 | 163 | 481627 | 9.02 | ug/l | | 99 |
| 21) 2,6-Dinitrotoluene | 20.75 | 165 | 98590 | 7.60 | ug/l | # | 81 |
| 22) Acenaphthylene | 20.72 | 152 | 558057 | 8.57 | ug/l | | 99 |
| 23) Acenaphthene | 21.28 | 153 | 389580 | 8.56 | ug/l | | 98 |
| 24) 2,4-Dinitrotoluene | 21.92 | 165 | 122332 | 7.05 | ug/l | # | 78 |
| 25) Diethylphthalate | 22.67 | 149 | 458483 | 8.84 | ug/l | # | 94 |
| 26) 4-Chlorophenyl-phenylether | 22.83 | 204 | 210362 | 9.47 | ug/l | | 89 |
| 27) Fluorene | 22.81 | 166 | 433563 | 9.00 | ug/l | | 99 |
| 28) Azobenzen/ 1,2-Diphenylhyd | 23.28 | 77 | 388543 | 6.99 | ug/L | # | 85 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\REF1.D Vial: 17
Acq On : 30 Mar 2002 6:51 am Operator:
Sample : gc/ms scan 3/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 7:39 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

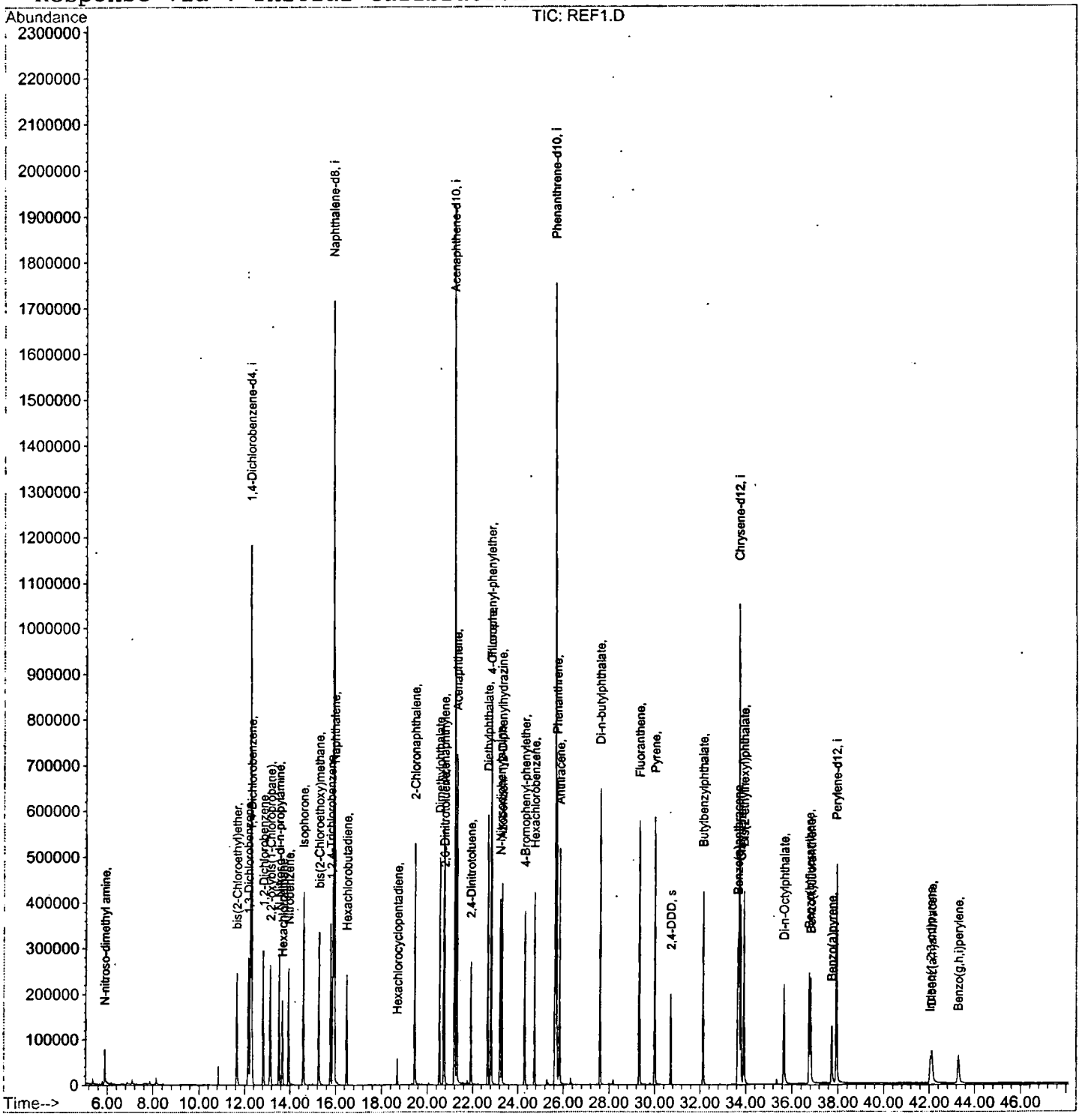
| | Compound | R.T. | QIon | Response | Conc | Unit | | Qvalue |
|---|---|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 23.21 | 168 | 152721 | 7.40 | ug/l | # | 82 |
| 31) | 4-Bromophenyl-phenylether | 24.29 | 248 | 115171 | 9.50 | ug/l | # | 88 |
| 32) | Hexachlorobenzene | 24.73 | 284 | 139881 | 9.94 | ug/l | # | 88 |
| 33) | Phenanthrene | 25.70 | 178 | 596167 | 9.04 | ug/l | | 99 |
| 34) | Anthracene | 25.83 | 178 | 507834 | 7.76 | ug/l | | 98 |
| 35) | Di-n-butylphthalate | 27.60 | 149 | 743626 | 8.96 | ug/l | | 99 |
| 36) | Fluoranthene | 29.33 | 202 | 569748 | 8.23 | ug/l | | 95 |
| 39) | Pyrene | 30.00 | 202 | 512067 | 11.12 | ug/l | | 95 |
| 40) | Butylbenzylphthalate | 32.13 | 149 | 234172 | 9.86 | ug/l | # | 95 |
| 41) | Benzo(a)anthracene | 33.64 | 228 | 313826 | 8.19 | ug/l | | 99 |
| 42) | Bis(2-ethylhexyl)phthalate | 33.91 | 149 | 276355 | 8.62 | ug/l | | 94 |
| 43) | Chrysene | 33.77 | 228 | 355218 | 9.46 | ug/l | | 99 |
| 45) | Di-n-Octylphthalate | 35.65 | 149 | 293425 | 7.83 | ug/l | # | 97 |
| 46) | Benzo(b)fluoranthene | 36.74 | 252 | 236301 | 9.09 | ug/l | | 98 |
| 47) | Benzo(k)fluoranthene | 36.82 | 252 | 278643 | 11.00 | ug/l | | 98 |
| 48) | Benzo(a)pyrene | 37.73 | 252 | 150564 | 6.36 | ug/l | # | 96 |
| 49) | Indeno(1,2,3-cd)pyrene | 42.05 | 276 | 145533 | 5.09 | ug/l | | 95 |
| 50) | Dibenz(a,h)anthracene | 42.12 | 278 | 125155 | 5.65 | ug/l | | 96 |
| 51) | Benzo(g,h,i)perylene | 43.29 | 276 | 131349 | 5.63 | ug/l | | 96 |

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

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR3002\REF1.D Vial: 17
Acq On : 30 Mar 2002 6:51 am Operator:
Sample : gc/ms scan 3/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 7:39 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\REF2.D Vial: 18
Acq On : 30 Mar 2002 7:50 am Operator:
Sample : gc/ms scan 3/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 8:39 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 12.25 | 152 | 515305 | 20.00 | ug/l | -0.10 |
| 10) Naphthalene-d8 | 15.89 | 136 | 1910027 | 20.00 | ug/l | -0.11 |
| 17) Acenaphthene-d10 | 21.20 | 164 | 1078702 | 20.00 | ug/l | -0.12 |
| 29) Phenanthrene-d10 | 25.64 | 188 | 1555224 | 20.00 | ug/l | -0.13 |
| 38) Chrysene-d12 | 33.69 | 240 | 827010 | 20.00 | ug/l | -0.15 |
| 44) Perylene-d12 | 37.93 | 264 | 457693 | 20.00 | ug/l | -0.19 |
| **System Monitoring Compounds** | | | | | | |
| 37) 2,4-DDD | 30.71 | 235 | 86174 | 5.52 | ug/mL | 0.21 |
| Spiked Amount 5.000 | | | Recovery = 110.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 5.88 | 74 | 83967 | 4.80 | ug/l # | 70 |
| 3) bis(2-Chloroethyl)ether | 11.64 | 93 | 201392 | 7.15 | ug/l | 91 |
| 4) 1,3-Dichlorobenzene | 12.15 | 146 | 165684 | 5.70 | ug/l | 99 |
| 5) 1,4-Dichlorobenzene | 12.29 | 146 | 174441 | 5.98 | ug/l | 100 |
| 6) 1,2-Dichlorobenzene | 12.81 | 146 | 173836 | 6.39 | ug/l | 98 |
| 7) 2,2'-oxybis(1-Chloropropan | 13.13 | 45 | 280170 | 7.07 | ug/l | 99 |
| 8) N-Nitroso-di-n-propylamine | 13.51 | 70 | 136381 | 7.45 | ug/l # | 86 |
| 9) Hexachloroethane | 13.66 | 117 | 49396 | 4.53 | ug/l | 98 |
| 11) Nitrobenzene | 13.93 | 77 | 184205 | 7.05 | ug/l | 93 |
| 12) Isophorone | 14.58 | 82 | 412524 | 8.33 | ug/l | 99 |
| 13) bis(2-Chloroethoxy)methane | 15.26 | 93 | 252714 | 7.80 | ug/l | 95 |
| 14) 1,2,4-Trichlorobenzene | 15.77 | 180 | 154278 | 6.88 | ug/l | 97 |
| 15) Naphthalene | 15.95 | 128 | 558493 | 7.91 | ug/l | 99 |
| 16) Hexachlorobutadiene | 16.49 | 225 | 53974 | 4.83 | ug/l | 97 |
| 18) Hexachlorocyclopentadiene | 18.68 | 237 | 15306 | 2.10 | ug/l | 95 |
| 19) 2-Chloronaphthalene | 19.44 | 162 | 348863 | 7.53 | ug/l | 97 |
| 20) Dimethylphthalate | 20.54 | 163 | 482882 | 8.90 | ug/l | 100 |
| 21) 2,6-Dinitrotoluene | 20.75 | 165 | 97533 | 7.40 | ug/l # | 82 |
| 22) Acenaphthylene | 20.72 | 152 | 532651 | 8.04 | ug/l | 98 |
| 23) Acenaphthene | 21.28 | 153 | 376903 | 8.14 | ug/l | 97 |
| 24) 2,4-Dinitrotoluene | 21.92 | 165 | 122792 | 6.97 | ug/l # | 73 |
| 25) Diethylphthalate | 22.67 | 149 | 456511 | 8.66 | ug/l | 95 |
| 26) 4-Chlorophenyl-phenylether | 22.82 | 204 | 208428 | 9.24 | ug/l | 90 |
| 27) Fluorene | 22.80 | 166 | 420732 | 8.60 | ug/l | 99 |
| 28) Azobenzen/ 1,2-Diphenylhyd | 23.29 | 77 | 386773 | 6.85 | ug/L # | 82 |

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\REF2.D Vial: 18
Acq On : 30 Mar 2002 7:50 am Operator:
Sample : gc/ms scan 3/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 8:39 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

| | Compound | R.T. | QIon | Response | Conc | Unit | | Qvalue |
|---|---|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 23.22 | 168 | 138978 | 6.61 | ug/l | # | 79 |
| 31) | 4-Bromophenyl-phenylether | 24.29 | 248 | 112438 | 9.11 | ug/l | | 91 |
| 32) | Hexachlorobenzene | 24.73 | 284 | 137608 | 9.60 | ug/l | # | 85 |
| 33) | Phenanthrene | 25.69 | 178 | 587724 | 8.75 | ug/l | | 98 |
| 34) | Anthracene | 25.83 | 178 | 507274 | 7.61 | ug/l | | 98 |
| 35) | Di-n-butylphthalate | 27.60 | 149 | 733239 | 8.67 | ug/l | # | 98 |
| 36) | Fluoranthene | 29.32 | 202 | 562539 | 7.98 | ug/l | # | 94 |
| 39) | Pyrene | 30.00 | 202 | 573669 | 12.08 | ug/l | | 94 |
| 40) | Butylbenzylphthalate | 32.13 | 149 | 234220 | 9.57 | ug/l | | 97 |
| 41) | Benzo(a)anthracene | 33.64 | 228 | 320096 | 8.10 | ug/l | | 99 |
| 42) | Bis(2-ethylhexyl)phthalate | 33.90 | 149 | 275890 | 8.35 | ug/l | | 94 |
| 43) | Chrysene | 33.76 | 228 | 358227 | 9.25 | ug/l | | 99 |
| 45) | Di-n-Octylphthalate | 35.65 | 149 | 304449 | 7.55 | ug/l | # | 98 |
| 46) | Benzo(b)fluoranthene | 36.75 | 252 | 240587 | 8.61 | ug/l | | 98 |
| 47) | Benzo(k)fluoranthene | 36.81 | 252 | 252573 | 9.27 | ug/l | | 98 |
| 48) | Benzo(a)pyrene | 37.74 | 252 | 159089 | 6.25 | ug/l | | 98 |
| 49) | Indeno(1,2,3-cd)pyrene | 42.04 | 276 | 166452 | 5.41 | ug/l | | 96 |
| 50) | Dibenz(a,h)anthracene | 42.13 | 278 | 146012 | 6.13 | ug/l | | 98 |
| 51) | Benzo(g,h,i)perylene | 43.28 | 276 | 143383 | 5.71 | ug/l | | 96 |

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

# Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR3002\REF2.D Vial: 18
Acq On : 30 Mar 2002 7:50 am Operator:
Sample : gc/ms scan 3/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 8:39 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration