User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 15:32:32

Sample: AD28143
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 11/28/01 15:56 Ended: 11/28/01 15:56 Analyst: DLV
Result source: manual entry
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | | 2.14 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 3.58 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 2.35 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 2.53 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 2.83 | | 2.0 |
| 6 | 2,2-oxybis(1-Chloropropane) | | 3.96 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | | 3.56 | | 2.0 |
| 8 | Hexachloroethane | | 1.81 | | 2.0 |
| 9 | Nitrobenzene | | 3.29 | | 2.0 |
| 10 | Isophorone | | 3.79 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 3.84 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 2.90 | | 2.0 |
| 13 | Naphthalene | | 3.71 | | 2.0 |
| 14 | Hexachlorobutadiene | | 1.89 | | 2.0 |
| 15 | Hexachlorocyclopentadiene | | 0.25 | | 2.0 |
| 16 | 2-Chloronaphthalene | | 3.53 | | 2.0 |
| 17 | Dimethylphthalate | | 3.83 | | 2.0 |
| 18 | 2,6-Dinitrotoluene | | 2.56 | | 2.0 |
| 19 | Acenaphthylene | | 3.73 | | 2.0 |
| 20 | Acenaphthene | | 3.93 | | 2.0 |
| 21 | 2,4-Dinitrotoluene | | 2.28 | | 2.0 |
| 22 | Diethylphthalate | | 3.96 | | 2.0 |
| 23 | 4-Chlorophenylphenylether | | 4.02 | | 2.0 |
| 24 | Fluorene | | 3.96 | | 2.0 |
| 25 | Azobenzene/1,2-Diphenylhydra | | 3.49 | | 2.0 |
| 26 | n-Nitrosodiphenylamine | | 3.46 | | 2.0 |
| 27 | 4-Bromophenylphenylether | | 3.94 | | 2.0 |
| 28 | Hexachlorobenzene | | 4.00 | | 2.0 |
| 29 | Phenanthrene | | 4.23 | | 2.0 |
| 30 | Anthracene | | 3.79 | | 2.0 |
| 31 | Di-n-butylphthalate | | 3.55 | | 2.0 |
| 32 | Fluoranthene | | 3.63 | | 2.0 |
| 33 | Pyrene | | 4.43 | | 2.0 |
| 34 | Butylbenzylphthalate | | 2.83 | | 2.0 |
| 35 | Benzo(a)anthracene | | 3.67 | | 2.0 |
| 36 | bis(2-Ethylhexyl)phthalate | | 2.74 | | 2.0 |
| 37 | Chrysene | | 4.41 | | 2.0 |
| 38 | Di-n-octylphthalate | | 1.55 | | 2.0 |
| 39 | Benzo(b)fluoranthene | | 3.82 | | 2.0 |
| 40 | Benzo(k)fluoranthene | | 4.36 | | 2.0 |
| 41 | Benzo(a)pyrene | | 3.31 | | 2.0 |
| 42 | Indeno(1,2,3-cd)pyrene | | 3.38 | | 2.0 |
| 43 | Dibenz(a,h)anthracene | | 3.83 | | 2.0 |
| 44 | Benzo(g,h,i)perylene | | 3.85 | | 2.0 |

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 15:32:37

Sample: AD28143
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 11/28/01 15:56 Ended: 11/28/01 15:56 Analyst: DLV
Result source: calculation
Page: 1

| | Component Name | Viol | Result | Qualifier | MDL |
|---|---|---|---|---|---|
| 1 | n-Nitrosodimethylamine | LSPEC | 43 | | 2.0 |
| 2 | bis(2-Chloroethyl)ether | | 72 | | 2.0 |
| 3 | 1,3-Dichlorobenzene | | 47 | | 2.0 |
| 4 | 1,4-Dichlorobenzene | | 51 | | 2.0 |
| 5 | 1,2-Dichlorobenzene | | 57 | | 2.0 |
| 6 | 2,2-oxybis(1-Chloropropane) | | 79 | | 2.0 |
| 7 | n-Nitrosodi-n-propylamine | LSPEC | 71 | | 2.0 |
| 8 | Hexachloroethane | | 36 | | 2.0 |
| 9 | Nitrobenzene | | 66 | | 2.0 |
| 10 | Isophorone | LSPEC | 78 | | 2.0 |
| 11 | bis(2-Chloroethoxy)methane | | 77 | | 2.0 |
| 12 | 1,2,4-Trichlorobenzene | | 58 | | 2.0 |
| 13 | Naphthalene | | 74 | | 2.0 |
| 14 | Hexachlorobutadiene | | 38 | | 2.0 |
| 15 | Hexachlorocyclopentadiene | LSPEC | 5.0 | | 2.0 |
| 16 | 2-Chloronaphthalene | | 71 | | 2.0 |
| 17 | Dimethylphthalate | USPEC | 77 | | 2.0 |
| 18 | 2,6-Dinitrotoluene | LSPEC | 51 | | 2.0 |
| 19 | Acenaphthylene | | 75 | | 2.0 |
| 20 | Acenaphthene | | 79 | | 2.0 |
| 21 | 2,4-Dinitrotoluene | LSPEC | 46 | | 2.0 |
| 22 | Diethylphthalate | | 79 | | 2.0 |
| 23 | 4-Chlorophenylphenylether | | 80 | | 2.0 |
| 24 | Fluorene | | 79 | | 2.0 |
| 25 | Azobenzene/1,2-Diphenylhydra | LSPEC | 70 | | 2.0 |
| 26 | n-Nitrosodiphenylamine | LSPEC | 69 | | 2.0 |
| 27 | 4-Bromophenylphenylether | | 79 | | 2.0 |
| 28 | Hexachlorobenzene | | 80 | | 2.0 |
| 29 | Phenanthrene | | 85 | | 2.0 |
| 30 | Anthracene | | 76 | | 2.0 |
| 31 | Di-n-butylphthalate | | 71 | | 2.0 |
| 32 | Fluoranthene | | 73 | | 2.0 |
| 33 | Pyrene | | 89 | | 2.0 |
| 34 | Butylbenzylphthalate | LSPEC | 57 | | 2.0 |
| 35 | Benzo(a)anthracene | | 73 | | 2.0 |
| 36 | bis(2-Ethylhexyl)phthalate | LSPEC | 55 | | 2.0 |
| 37 | Chrysene | | 88 | | 2.0 |
| 38 | Di-n-octylphthalate | LSPEC | 31 | | 2.0 |
| 39 | Benzo(b)fluoranthene | | 76 | | 2.0 |
| 40 | Benzo(k)fluoranthene | | 87 | | 2.0 |
| 41 | Benzo(a)pyrene | LSPEC | 66 | | 2.0 |
| 42 | Indeno(1,2,3-cd)pyrene | LSPEC | 68 | | 2.0 |
| 43 | Dibenz(a,h)anthracene | | 77 | | 2.0 |
| 44 | Benzo(g,h,i)perylene | | 77 | | 2.0 |

Quantitation Report (QT Reviewed)

Data File : M:\INSTRU~1\209\DATA\NOV2601\REF.D Vial: 22
Acq On : 27 Nov 2001 7:14 am Operator: 209 GALOS
Sample : 11/20 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 9 13:11 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 11.69 | 152 | 737564 | 20.00 | ug/l | | 0.00 |
| 10) Naphthalene-d8 | 15.30 | 136 | 2771521 | 20.00 | ug/l | | 0.00 |
| 17) Acenaphthene-d10 | 20.57 | 164 | 1336543 | 20.00 | ug/l | | 0.00 |
| 29) Phenanthrene-d10 | 25.00 | 188 | 1803858 | 20.00 | ug/l | | 0.00 |
| 38) Chrysene-d12 | 33.03 | 240 | 905649 | 20.00 | ug/l | | 0.00 |
| 44) Perylene-d12 | 37.11 | 264 | 597398 | 20.00 | ug/l | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 37) 2,4-DDD | 30.07 | 235 | 113805 | 5.74 | ug/mL | | 0.00 |
| Spiked Amount 5.000 | | | Recovery = 114.80% | | | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) N-nitroso-dimethyl amine | 5.44 | 74 | 69578 | 2.14 | ug/l | | 94 |
| 3) bis(2-Chloroethyl)ether | 11.12 | 93 | 182135 | 3.58 | ug/l | | 99 |
| 4) 1,3-Dichlorobenzene | 11.59 | 146 | 126156 | 2.35 | ug/l | | 98 |
| 5) 1,4-Dichlorobenzene | 11.59 | 146 | 126156 | 2.33 | ug/l | | 98 |
| 6) 1,2-Dichlorobenzene | 12.25 | 146 | 141571 | 2.83 | ug/l | | 97 |
| 7) 2,2'-oxybis(1-Chloropropan | 12.59 | 45 | 256885 | 3.96 | ug/l | | 94 |
| 8) N-Nitroso-di-n-propylamine | 12.98 | 70 | 103184 | 3.56 | ug/l | | 97 |
| 9) Hexachloroethane | 13.08 | 117 | 35716 | 1.81 | ug/l | | 85 |
| 11) Nitrobenzene | 13.37 | 77 | 142327 | 3.29 | ug/l | | 96 |
| 12) Isophorone | 14.02 | 82 | 315163 | 3.79 | ug/l | | 97 |
| 13) bis(2-Chloroethoxy)methane | 14.70 | 93 | 214430 | 3.84 | ug/l | | 98 |
| 14) 1,2,4-Trichlorobenzene | 15.19 | 180 | 116568 | 2.90 | ug/l | | 99 |
| 15) Naphthalene | 15.36 | 128 | 491752 | 3.71 | ug/l | | 99 |
| 16) Hexachlorobutadiene | 15.91 | 225 | 37162 | 1.89 | ug/l | | 97 |
| 18) Hexachlorocyclopentadiene | 18.08 | 237 | 2428 | 0.25 | ug/l | # | 79 |
| 19) 2-Chloronaphthalene | 18.85 | 162 | 268953 | 3.53 | ug/l | | 98 |
| 20) Dimethylphthalate | 19.95 | 163 | 340499 | 3.83 | ug/l | | 100 |
| 21) 2,6-Dinitrotoluene | 20.16 | 165 | 53980m | 2.57 | ug/l | | |
| 22) Acenaphthylene | 20.10 | 152 | 399827 | 3.73 | ug/l | | 100 |
| 23) Acenaphthene | 20.66 | 153 | 300911 | 3.93 | ug/l | | 100 |
| 24) 2,4-Dinitrotoluene | 21.32 | 165 | 60808 | 2.28 | ug/l | # | 88 |
| 25) Diethylphthalate | 22.08 | 149 | 325101 | 3.96 | ug/l | | 99 |
| 26) 4-Chlorophenyl-phenylether | 22.21 | 204 | 144366 | 4.02 | ug/l | | 98 |
| 27) Fluorene | 22.18 | 166 | 311453 | 3.96 | ug/l | | 97 |
| 28) Azobenzen/ 1,2-Diphenylhyd | 22.67 | 77 | 267122 | 3.15 | ug/L | | 97 |

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

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Acq On : 27 Nov 2001 7:14 am Operator: 209 GALOS
Sample : 11/20 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 9 13:11 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

| | Compound | R.T. | QIon | Response | Conc Unit | | Qvalue |
|---|---|---|---|---|---|---|---|
| 30) | N-Nitrosodiphenylamine | 22.61 | 168 | 110804 | 3.46 ug/l | | 100 |
| 31) | 4-Bromophenyl-phenylether | 23.67 | 248 | 69868 | 3.94 ug/l | | 99 |
| 32) | Hexachlorobenzene | 24.10 | 284 | 78141 | 4.00 ug/l | | 97 |
| 33) | Phenanthrene | 25.06 | 178 | 403833 | 4.23 ug/l | | 98 |
| 34) | Anthracene | 25.19 | 178 | 360821 | 3.79 ug/l | | 100 |
| 35) | Di-n-butylphthalate | 27.00 | 149 | 450705 | 3.55 ug/l | | 100 |
| 36) | Fluoranthene | 28.67 | 202 | 334319 | 3.63 ug/l | | 97 |
| 39) | Pyrene | 29.34 | 202 | 346545 | 4.43 ug/l | | 99 |
| 40) | Butylbenzylphthalate | 31.51 | 149 | 115349 | 2.83 ug/l | | 100 |
| 41) | Benzo(a)anthracene | 32.97 | 228 | 197805 | 3.67 ug/l | | 100 |
| 42) | Bis(2-ethylhexyl)phthalate | 33.30 | 149 | 151421 | 2.74 ug/l | | 99 |
| 43) | Chrysene | 33.09 | 228 | 233530 | 4.41 ug/l | | 99 |
| 45) | Di-n-Octylphthalate | 35.05 | 149 | 122926 | 1.55 ug/l | # | 95 |
| 46) | Benzo(b)fluoranthene | 36.05 | 252 | 171535 | 3.82 ug/l | | 98 |
| 47) | Benzo(k)fluoranthene | 36.11 | 252 | 201066 | 4.36 ug/l | | 97 |
| 48) | Benzo(a)pyrene | 36.94 | 252 | 129268 | 3.31 ug/l | | 99 |
| 49) | Indeno(1,2,3-cd)pyrene | 40.80 | 276 | 132084 | 3.38 ug/l | | 96 |
| 50) | Dibenz(a,h)anthracene | 40.86 | 278 | 117038 | 3.83 ug/l | | 98 |
| 51) | Benzo(g,h,i)perylene | 41.89 | 276 | 128513 | 3.85 ug/l | | 98 |

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

# Quantitation Report

Data File : M:\INSTRU~1\209\DATA\NOV2601\REF.D Vial: 22
Acq On : 27 Nov 2001 7:14 am Operator: 209 GALOS
Sample : 11/20 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 9 13:11 2002 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration