Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
Data File : BG016015.D
Acq On : 19 Feb 2015 22:51
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 20 06:19:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 20 05:38:39 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 93416 | 20.00 | ng/ul | 0.00 |
| 16) Naphthalene-d8 | 10.60 | 136 | 420381 | 20.00 | ng/ul | 0.00 |
| 33) Acenaphthene-d10 | 14.44 | 164 | 251062 | 20.00 | ng/ul | 0.00 |
| 59) Phenanthrene-d10 | 17.18 | 188 | 530717 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.35 | 240 | 579247 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.65 | 264 | 558998 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) Phenol-d5 | 6.97 | 99 | 173058 | 19.47 | ng/ul | 0.00 |
| 5) Bis-(2-Chloroethyl)ether-d | 7.15 | 67 | 101870 | 19.41 | ng/ul | 0.00 |
| 7) 2-Chlorophenol-d4 | 7.35 | 132 | 130705 | 19.88 | ng/ul | 0.00 |
| 11) 4-Methylphenol-d8 | 8.51 | 113 | 129795 | 19.73 | ng/ul | 0.00 |
| 17) Nitrobenzene-d5 | 8.97 | 128 | 59248 | 19.94 | ng/ul | 0.00 |
| 20) 2-Nitrophenol-d4 | 9.68 | 143 | 54241 | 19.79 | ng/ul | 0.00 |
| 24) 2,4-Dichlorophenol-d3 | 10.22 | 165 | 116159 | 19.54 | ng/ul | 0.00 |
| 27) 4-Chloroaniline-d4 | 10.73 | 131 | 131890 | 20.14 | ng/ul | 0.00 |
| 41) Dimethylphthalate-d6 | 13.85 | 166 | 333085 | 19.84 | ng/ul | 0.00 |
| 44) Acenaphthylene-d8 | 14.13 | 160 | 465258 | 19.59 | ng/ul | 0.00 |
| 49) 4-Nitrophenol-d4 | 14.62 | 143 | 66730 | 19.77 | ng/ul | 0.00 |
| 55) Fluorene-d10 | 15.43 | 176 | 328730 | 19.48 | ng/ul | 0.00 |
| 60) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 37382 | 18.27 | ng/ul | 0.00 |
| 68) Anthracene-d10 | 17.28 | 188 | 494224 | 19.63 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.56 | 212 | 534751 | 19.65 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.51 | 264 | 487210 | 19.22 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) Benzaldehyde | 6.96 | 77 | 111163 | 19.79 | ng/ul | 99 |
| 4) Phenol | 7.00 | 94 | 184309 | 19.67 | ng/ul | 99 |
| 6) Bis(2-Chloroethyl)ether | 7.24 | 93 | 145576 | 19.77 | ng/ul | 99 |
| 8) 2-Chlorophenol | 7.37 | 128 | 131558 | 19.92 | ng/ul | 97 |
| 9) 2-Methylphenol | 8.24 | 108 | 128626 | 19.30 | ng/ul | 100 |
| 10) 2,2'-oxybis(1-Chloropropan | 8.35 | 45 | 179435 | 19.16 | ng/ul | 99 |
| 12) Acetophenone | 8.63 | 105 | 194727 | 19.54 | ng/ul | 98 |
| 13) N-Nitroso-di-n-propylamine | 8.61 | 70 | 108525 | 19.33 | ng/ul | 98 |
| 14) 4-Methylphenol | 8.57 | 108 | 145772 | 19.77 | ng/ul | 98 |
| 15) Hexachloroethane | 8.89 | 117 | 50801 | 19.39 | ng/ul | 98 |
| 18) Nitrobenzene | 9.01 | 77 | 142583 | 20.51 | ng/ul | 97 |
| 19) Isophorone | 9.52 | 82 | 288773 | 19.07 | ng/ul | 100 |
| 21) 2-Nitrophenol | 9.71 | 139 | 62722 | 20.31 | ng/ul | 96 |
| 22) 2,4-Dimethylphenol | 9.77 | 107 | 143810 | 19.37 | ng/ul | 99 |
| 23) Bis(2-Chloroethoxy)methane | 10.01 | 93 | 182366 | 19.32 | ng/ul | 98 |
| 25) 2,4-Dichlorophenol | 10.24 | 162 | 114809 | 19.70 | ng/ul | 96 |
| 26) Naphthalene | 10.65 | 128 | 436552 | 19.46 | ng/ul | 99 |
| 28) 4-Chloroaniline | 10.76 | 127 | 128438 | 20.13 | ng/ul | 98 |
| 29) Hexachlorobutadiene | 10.93 | 225 | 61989 | 19.00 | ng/ul | 99 |
| 30) Caprolactam | 11.50 | 113 | 51949 | 19.21 | ng/ul | 99 |
| 31) 4-Chloro-3-methylphenol | 11.87 | 107 | 128735 | 19.36 | ng/ul | 94 |
| 32) 2-Methylnaphthalene | 12.26 | 142 | 306684 | 19.47 | ng/ul | 97 |
| 34) 1,2,4,5-Tetrachlorobenzene | 12.63 | 216 | 128627 | 19.06 | ng/ul | 100 |
| 35) Hexachlorocyclopentadiene | 12.61 | 237 | 59135 | 19.79 | ng/ul | 96 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 2,4,6-Trichlorophenol | 12.87 | 196 | 74874 | 19.37 ng/ul | 98 |
| 37) 2,4,5-Trichlorophenol | 12.93 | 196 | 84860 | 19.64 ng/ul | 96 |
| 38) 1,1'-Biphenyl | 13.27 | 154 | 382043 | 19.67 ng/ul | 99 |
| 39) 2-Chloronaphthalene | 13.31 | 162 | 284378 | 19.48 ng/ul | 99 |
| 40) 2-Nitroaniline | 13.51 | 65 | 75153 | 20.24 ng/ul | 98 |
| 42) Dimethylphthalate | 13.90 | 163 | 346222 | 19.79 ng/ul | 99 |
| 43) 2,6-Dinitrotoluene | 14.01 | 165 | 60510 | 20.02 ng/ul | 93 |
| 45) Acenaphthylene | 14.16 | 152 | 497795 | 19.77 ng/ul | 98 |
| 46) 3-Nitroaniline | 14.34 | 138 | 69830 | 20.61 ng/ul | 96 |
| 47) Acenaphthene | 14.50 | 153 | 327903 | 19.62 ng/ul | 99 |
| 48) 2,4-Dinitrophenol | 14.54 | 184 | 17019 | 15.41 ng/ul | 96 |
| 50) 4-Nitrophenol | 14.64 | 109 | 38914 | 19.95 ng/ul | 95 |
| 51) Dibenzofuran | 14.83 | 168 | 439643 | 19.64 ng/ul | 100 |
| 52) 2,4-Dinitrotoluene | 14.79 | 165 | 89149 | 20.60 ng/ul | 93 |
| 53) 2,3,4,6-Tetrachlorophenol | 15.06 | 232 | 70612 | 20.32 ng/ul | 98 |
| 54) Diethylphthalate | 15.26 | 149 | 357901 | 20.18 ng/ul | 98 |
| 56) Fluorene | 15.48 | 166 | 383596 | 19.65 ng/ul | 99 |
| 57) 4-Chlorophenyl-phenylether | 15.48 | 204 | 168513 | 19.12 ng/ul | 99 |
| 58) 4-Nitroaniline | 15.50 | 138 | 97046 | 20.99 ng/ul | 97 |
| 61) 4,6-Dinitro-2-methylphenol | 15.55 | 198 | 39967 | 18.22 ng/ul# | 89 |
| 62) N-Nitrosodiphenylamine | 15.69 | 169 | 323606 | 19.52 ng/ul | 99 |
| 63) 4-Bromophenyl-phenylether | 16.37 | 248 | 102720 | 18.86 ng/ul | 100 |
| 64) Hexachlorobenzene | 16.48 | 284 | 118833 | 19.27 ng/ul | 97 |
| 65) Atrazine | 16.64 | 200 | 106664 | 19.97 ng/ul | 98 |
| 66) Pentachlorophenol | 16.83 | 266 | 47603 | 18.33 ng/ul | 94 |
| 67) Phenanthrene | 17.22 | 178 | 583873 | 19.78 ng/ul | 99 |
| 69) Anthracene | 17.31 | 178 | 601834 | 19.98 ng/ul | 99 |
| 70) 1,2,3,4-Tetrachlorobenzene | 13.24 | 216 | 127005 | 18.83 ng/uL | 97 |
| 71) Pentachlorobenzene | 14.75 | 250 | 123968 | 18.75 ng/uL | 98 |
| 72) Carbazole | 17.58 | 167 | 571233 | 20.09 ng/ul | 99 |
| 73) Di-n-butylphthalate | 18.15 | 149 | 648855 | 21.36 ng/ul | 99 |
| 74) Fluoranthene | 19.23 | 202 | 668525 | 20.70 ng/ul | 100 |
| 77) Pyrene | 19.59 | 202 | 703564 | 19.97 ng/ul | 99 |
| 78) Butylbenzylphthalate | 20.50 | 149 | 286739 | 20.78 ng/ul | 97 |
| 79) 3,3'-Dichlorobenzidine | 21.27 | 252 | 148724 | 18.71 ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.33 | 228 | 643406 | 19.97 ng/ul | 100 |
| 81) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 378401 | 20.91 ng/ul | 100 |
| 82) Chrysene | 21.38 | 228 | 615161 | 20.04 ng/ul | 99 |
| 84) Di-n-octyl phthalate | 22.17 | 149 | 621845 | 21.03 ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 22.95 | 252 | 605962 | 19.44 ng/ul | 99 |
| 86) Benzo(k)fluoranthene | 23.00 | 252 | 619650 | 19.79 ng/ul | 99 |
| 88) Benzo(a)pyrene | 23.55 | 252 | 607573 | 19.62 ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 26.01 | 276 | 688332 | 19.11 ng/ul | 97 |
| 90) Dibenzo(a,h)anthracene | 26.03 | 278 | 583345 | 19.37 ng/ul | 99 |
| 91) Benzo(g,h,i)perylene | 26.73 | 276 | 577415 | 19.19 ng/ul | 99 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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