Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112316\
Data File : BG024902.D
Acq On : 23 Nov 2016 10:23
Operator : UM/SJ
Sample : SSTD00526
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :**

Quant Time: Nov 23 13:51:39 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 23 13:49:23 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.26 | 152 | 68653 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.08 | 136 | 293329 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.87 | 164 | 262880 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.61 | 188 | 645057 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.90 | 240 | 788001 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.32 | 264 | 824703 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.61 | 96 | 3187 | 2.41 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.39 | 99 | 29057 | 4.94 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.56 | 67 | 19497 | 5.27 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.77 | 132 | 21928 | 5.20 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.95 | 113 | 26573 | 5.38 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.43 | 128 | 12253 | 5.52 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.15 | 143 | 12485 | 4.71 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.69 | 165 | 25862 | 4.90 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.20 | 131 | 32511 | 5.51 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.26 | 166 | 102827 | 5.36 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.57 | 160 | 106256 | 5.09 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.05 | 143 | 14076 | 4.13 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.85 | 176 | 92669 | 5.14 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 19240 | 4.34 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.71 | 188 | 148810 | 5.22 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.98 | 212 | 184385 | 5.40 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.08 | 264 | 182634 | 5.06 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.64 | 88 | 4230 | 2.55 | ng/uL# | 52 |
| 4) Benzaldehyde | 7.39 | 77 | 22805 | 6.02 | ng/ul | 93 |
| 6) Phenol | 7.42 | 94 | 30329 | 4.94 | ng/ul | 97 |
| 8) Bis(2-Chloroethyl)ether | 7.66 | 93 | 22128 | 5.06 | ng/ul# | 84 |
| 10) 2-Chlorophenol | 7.81 | 128 | 22316 | 5.47 | ng/ul# | 82 |
| 11) 2-Methylphenol | 8.68 | 108 | 22865 | 5.08 | ng/ul | 97 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.77 | 45 | 38755 | 5.22 | ng/ul# | 94 |
| 14) Acetophenone | 9.08 | 105 | 40012 | 5.38 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 9.04 | 70 | 22400 | 5.30 | ng/ul# | 87 |
| 16) 4-Methylphenol | 9.01 | 108 | 25785 | 5.30 | ng/ul | 82 |
| 17) Hexachloroethane | 9.34 | 117 | 9867 | 5.28 | ng/ul | 89 |
| 20) Nitrobenzene | 9.47 | 77 | 32539 | 4.93 | ng/ul | 94 |
| 21) Isophorone | 9.98 | 82 | 63745 | 5.18 | ng/ul# | 92 |
| 23) 2-Nitrophenol | 10.18 | 139 | 14438 | 5.39 | ng/ul | 88 |
| 24) 2,4-Dimethylphenol | 10.22 | 107 | 33068 | 5.20 | ng/ul | 89 |
| 25) Bis(2-Chloroethoxy)methane | 10.46 | 93 | 33841 | 5.24 | ng/ul# | 97 |
| 27) 2,4-Dichlorophenol | 10.72 | 162 | 26774 | 5.29 | ng/ul | 95 |
| 28) Naphthalene | 11.13 | 128 | 73516 | 5.23 | ng/ul# | 94 |
| 30) 4-Chloroaniline | 11.23 | 127 | 33432 | 5.88 | ng/ul | 92 |
| 31) Hexachlorobutadiene | 11.40 | 225 | 20052 | 4.52 | ng/ul | 95 |
| 32) Caprolactam | 11.98 | 113 | 10573 | 5.30 | ng/ul | 81 |
| 33) 4-Chloro-3-methylphenol | 12.33 | 107 | 32950 | 5.38 | ng/ul | 92 |
| 34) 2-Methylnaphthalene | 12.71 | 142 | 60745 | 5.49 | ng/ul | 87 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.07 | 216 | 38316 | 4.49 | ng/ul | 95 |
| 37) Hexachlorocyclopentadiene | 13.04 | 237 | 18463 | 3.36 | ng/ul# | 88 |
| 38) 2,4,6-Trichlorophenol | 13.38 | 196 | 31212 | 6.02 | ng/ul | 89 |
| 39) 2,4,5-Trichlorophenol | 13.38 | 196 | 31212 | 5.54 | ng/ul | 95 |
| 40) 1,1'-Biphenyl | 13.70 | 154 | 87624 | 5.18 | ng/ul | 98 |
| 41) 2-Chloronaphthalene | 13.75 | 162 | 67106 | 5.10 | ng/ul# | 95 |
| 42) 2-Nitroaniline | 13.95 | 65 | 25916 | 4.97 | ng/ul | 93 |
| 44) Dimethylphthalate | 14.31 | 163 | 100603 | 5.47 | ng/ul | 98 |
| 45) 2,6-Dinitrotoluene | 14.44 | 165 | 19260 | 4.98 | ng/ul# | 66 |
| 47) Acenaphthylene | 14.59 | 152 | 103136 | 5.10 | ng/ul | 96 |
| 48) 3-Nitroaniline | 14.78 | 138 | 18610 | 5.21 | ng/ul# | 93 |
| 49) Acenaphthene | 14.94 | 153 | 70404 | 4.92 | ng/ul | 88 |
| 50) 2,4-Dinitrophenol | 14.98 | 184 | 11943 | 4.32 | ng/ul# | 74 |
| 52) 4-Nitrophenol | 15.07 | 109 | 18499 | 4.53 | ng/ul | 92 |
| 53) Dibenzofuran | 15.26 | 168 | 112164 | 5.12 | ng/ul | 98 |
| 54) 2,4-Dinitrotoluene | 15.22 | 165 | 31042 | 5.31 | ng/ul# | 93 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.48 | 232 | 29927 | 5.10 | ng/ul# | 93 |
| 56) Diethylphthalate | 15.65 | 149 | 99895 | 5.11 | ng/ul | 97 |
| 58) Fluorene | 15.91 | 166 | 94535 | 5.32 | ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 15.89 | 204 | 50399 | 5.01 | ng/ul | 90 |
| 60) 4-Nitroaniline | 15.93 | 138 | 20528 | 5.05 | ng/ul# | 78 |
| 63) 4,6-Dinitro-2-methylphenol | 15.98 | 198 | 19081 | 4.24 | ng/ul# | 91 |
| 64) N-Nitrosodiphenylamine | 16.10 | 169 | 88397 | 5.07 | ng/ul | 98 |
| 65) 4-Bromophenyl-phenylether | 16.79 | 248 | 38474 | 4.90 | ng/ul | 93 |
| 66) Hexachlorobenzene | 16.91 | 284 | 41045 | 4.73 | ng/ul# | 87 |
| 67) Atrazine | 17.04 | 200 | 38736 | 4.74 | ng/ul# | 87 |
| 68) Pentachlorophenol | 17.25 | 266 | 21679 | 4.23 | ng/ul# | 84 |
| 69) Phenanthrene | 17.74 | 178 | 178274 | 5.54 | ng/ul | 96 |
| 71) Anthracene | 17.74 | 178 | 178274 | 5.36 | ng/ul | 96 |
| 72) Carbazole | 18.01 | 167 | 149705 | 5.49 | ng/ul# | 94 |
| 73) Di-n-butylphthalate | 18.54 | 149 | 179336 | 5.22 | ng/ul | 99 |
| 74) Fluoranthene | 19.65 | 202 | 214018 | 5.73 | ng/ul# | 97 |
| 77) Pyrene | 20.01 | 202 | 220073 | 5.68 | ng/ul | 98 |
| 78) Butylbenzylphthalate | 20.86 | 149 | 81493 | 5.14 | ng/ul | 99 |
| 79) 3,3'-Dichlorobenzidine | 21.79 | 252 | 73555 | 4.85 | ng/ul | 91 |
| 80) Benzo(a)anthracene | 21.88 | 228 | 226989 | 5.29 | ng/ul | 98 |
| 81) Bis(2-ethylhexyl)phthalate | 21.74 | 149 | 117122 | 5.40 | ng/ul | 96 |
| 82) Chrysene | 21.95 | 228 | 213904 | 5.32 | ng/ul | 96 |
| 84) Di-n-octyl phthalate | 23.00 | 149 | 193967 | 5.56 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 24.22 | 252 | 221577 | 5.10 | ng/ul | 97 |
| 86) Benzo(k)fluoranthene | 24.29 | 252 | 211606 | 5.13 | ng/ul | 97 |
| 88) Benzo(a)pyrene | 25.16 | 252 | 214763 | 5.11 | ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 29.25 | 276 | 250238 | 4.76 | ng/ul | 93 |
| 90) Dibenzo(a,h)anthracene | 29.31 | 278 | 208882 | 4.77 | ng/ul# | 95 |
| 91) Benzo(g,h,i)perylene | 30.48 | 276 | 210163 | 4.85 | ng/ul# | 92 |

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

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