Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG011316\
Data File : BG020722.D
Acq On : 14 Jan 2016 5:28
Operator : SJ/IZ
Sample : H1096-06 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BC936

Quant Time: Jan 14 11:19:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.04 | 152 | 17424 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.86 | 136 | 76415 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.68 | 164 | 54022 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.43 | 188 | 134318 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.70 | 240 | 154670 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.96 | 264 | 150081 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0 | 0.00 | ng/uL | |
| 5) Phenol-d5 | 7.21 | 99 | 3064 | 2.05 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.37 | 67 | 1885 | 2.10 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.57 | 132 | 2687 | 2.29 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.76 | 113 | 2682 | 2.13 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.22 | 128 | 1241 | 2.06 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.94 | 143 | 1515 | 2.16 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.49 | 165 | 2699 | 2.02 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 0.00 | 131 | 0 | 0.00 | ng/ul | |
| 44) Dimethylphthalate-d6 | 14.08 | 166 | 11495 | 2.44 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.38 | 160 | 13842 | 2.61 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.93 | 143 | 352 | 0.56 | ng/ul | 0.03 |
| 58) Fluorene-d10 | 15.67 | 176 | 11412 | 2.72 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.81 | 200 | 643 | 0.88 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.52 | 188 | 17982 | 2.73 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.82 | 212 | 20275 | 2.76 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.73 | 264 | 21583 | 2.70 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 70) Phenanthrene | 17.47 | 178 | 104454 | 13.07 | ng/ul | 99 |
| 72) Anthracene | 17.56 | 178 | 13194 | 1.64 | ng/ul | 96 |
| 77) Fluoranthene | 19.48 | 202 | 190020 | 19.56 | ng/ul | 99 |
| 80) Pyrene | 19.84 | 202 | 241511 | 24.62 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.68 | 228 | 105383 | 10.92 | ng/ul | 95 |
| 85) Chrysene | 21.75 | 228 | 128956 | 14.13 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 23.92 | 252 | 134166 | 13.88 | ng/ul | 97 |
| 89) Benzo(k)fluoranthene | 23.92 | 252 | 134166 | 14.05 | ng/ul | 97 |
| 91) Benzo(a)pyrene | 24.80 | 252 | 108922 | 11.71 | ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 28.68 | 276 | 74319 | 6.77 | ng/ul | 96 |
| 93) Dibenzo(a,h)anthracene | 28.70 | 278 | 20290 | 2.24 | ng/ul# | 87 |
| 94) Benzo(g,h,i)perylene | 29.84 | 276 | 76781 | 8.48 | ng/ul | 96 |

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

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