Quantitation Report (QT/LSC Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021409.D
Acq On : 10 Mar 2016 15:36
Operator : UM/SJ
Sample : H1616-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P009-SS001-01

**Manual Integrations APPROVED**
Sohil
3/11/2016 5:27:44 PM

Quant Time: Mar 11 12:06:26 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 00:30:31 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.13 | 152 | 12346 | 20.00 | ng/ul | 0.01 |
| 18) Naphthalene-d8 | 10.93 | 136 | 66380 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.74 | 164 | 42179 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.47 | 188 | 88239 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.74 | 240 | 97463 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.01 | 264 | 91695 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.52 | 96 | 822 | 3.12 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.30 | 99 | 24850 | 17.78 | ng/ul | 0.04 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.44 | 67 | 16512 | 18.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.66 | 132 | 17895 | 18.76 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8 | 8.84 | 113 | 20428 | 18.08 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5 | 9.29 | 128 | 10155 | 18.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.01 | 143 | 11052 | 18.82 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.57 | 165 | 20237 | 18.96 | ng/ul | 0.03 |
| 29) 4-Chloroaniline-d4 | 11.07 | 131 | 21315 | 15.23 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6 | 14.14 | 166 | 69423 | 19.02 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.43 | 160 | 88215 | 19.83 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.99 | 143 | 8185 | 11.86 | ng/ul | 0.07 |
| 58) Fluorene-d10 | 15.72 | 176 | 62200 | 19.39 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.84 | 200 | 9567 | 16.20 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.57 | 188 | 88878 | 20.18 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.85 | 212 | 96810 | 19.47 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.78 | 264 | 100873 | 20.57 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.98 | 128 | 19409 | 5.21 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.57 | 142 | 4650 | 1.68 | ng/ul | 86 |
| 45) Dimethylphthalate | 14.18 | 163 | 26963 | 6.91 | ng/ul | 99 |
| 50) Acenaphthene | 14.80 | 153 | 12639 | 3.99 | ng/ul | 98 |
| 54) Dibenzofuran | 15.13 | 168 | 6525 | 1.49 | ng/ul# | 85 |
| 59) Fluorene | 15.78 | 166 | 10140 | 2.66 | ng/ul# | 93 |
| 70) Phenanthrene | 17.51 | 178 | 91394 | 17.41 | ng/ul | 96 |
| 72) Anthracene | 17.60 | 178 | 28864 | 5.40 | ng/ul | 97 |
| 75) Carbazole | 17.88 | 167 | 11861 | 2.57 | ng/ul | 98 |
| 77) Fluoranthene | 19.52 | 202 | 107221 | 17.69 | ng/ul | 98 |
| 80) Pyrene | 19.88 | 202 | 99128 | 15.20 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.72 | 228 | 63429 | 9.97 | ng/ul | 96 |
| 85) Chrysene | 21.79 | 228 | 56996 | 9.68 | ng/ul | 93 |
| 88) Benzo(b)fluoranthene | 23.97 | 252 | 61666 | 9.83 | ng/ul# | 93 |
| 89) Benzo(k)fluoranthene | 24.03 | 252 | 19793 | 3.24 | ng/ul# | 91 |
| 91) Benzo(a)pyrene | 24.85 | 252 | 53652 | 8.71 | ng/ul# | 94 |
| 92) Indeno(1,2,3-cd)pyrene | 28.72 | 276 | 28040m | 4.14 | ng/ul | |
| 93) Dibenzo(a,h)anthracene | 28.77 | 278 | 10359m | 1.80 | ng/ul | |
| 94) Benzo(g,h,i)perylene | 29.88 | 276 | 26697m | 4.78 | ng/ul | |

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

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