Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C01Z8

**Manual Integrations APPROVED**
MMDadoda
8/4/2015 12:23:40 PM

Quant Time: Aug 04 16:54:04 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.49 | 152 | 59223 | 20.00 | ng/ul | 0.01 |
| 18) Naphthalene-d8 | 10.27 | 136 | 256031 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.16 | 164 | 124230 | 20.00 | ng/ul | 0.01 |
| 62) Phenanthrene-d10 | 16.92 | 188 | 227217 | 20.00 | ng/ul | 0.01 |
| 78) Chrysene-d12 | 21.14 | 240 | 305749 | 20.00 | ng/ul | 0.02 |
| 86) Perylene-d12 | 23.33 | 264 | 303008 | 20.00 | ng/ul | 0.05 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.98 | 96 | 978 | 1.25 | ng/uL | 0.01 |
| 5) Phenol-d5 | 6.68 | 99 | 44257 | 8.31 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.83 | 67 | 26156 | 9.61 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.02 | 132 | 36610 | 9.10 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8 | 8.21 | 113 | 25053 | 5.78 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.64 | 128 | 19036 | 9.44 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.36 | 143 | 17555 | 7.58 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.90 | 165 | 37947 | 9.28 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.41 | 131 | 5755 | 1.13 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6 | 13.58 | 166 | 96323 | 10.03 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.85 | 160 | 111212 | 9.99 | ng/ul | 0.01 |
| 52) 4-Nitrophenol-d4 | 14.40 | 143 | 9955 | 5.60 | ng/ul | 0.02 |
| 58) Fluorene-d10 | 15.16 | 176 | 75630 | 8.71 | ng/ul | 0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.30 | 200 | 277 | 0.17 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.02 | 188 | 98821 | 10.00 | ng/ul | 0.01 |
| 79) Pyrene-d10 | 19.34 | 212 | 112172 | 7.58 | ng/ul | 0.02 |
| 90) Benzo(a)pyrene-d12 | 23.19 | 264 | 154752 | 10.10 | ng/ul | 0.05 |
| **Target Compounds** | | | | | | Qvalue |
| 14) Acetophenone | 8.30 | 105 | 13045 | 1.93 | ng/ul# | 91 |
| 28) Naphthalene | 10.32 | 128 | 65160 | 5.29 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 11.95 | 142 | 26428 | 2.71 | ng/ul | 91 |
| 35) 1-Methylnaphthalene | 12.17 | 142 | 21581 | 2.31 | ng/ul# | 98 |
| 45) Dimethylphthalate | 13.62 | 163 | 99112 | 10.38 | ng/ul | 97 |
| 50) Acenaphthene | 14.23 | 153 | 34038 | 4.73 | ng/ul | 95 |
| 54) Dibenzofuran | 14.56 | 168 | 27186 | 2.51 | ng/ul# | 63 |
| 59) Fluorene | 15.22 | 166 | 41187 | 4.40 | ng/ul | 97 |
| 70) Phenanthrene | 16.97 | 178 | 329437 | 28.54 | ng/ul | 99 |
| 72) Anthracene | 17.05 | 178 | 72072m | 6.28 | ng/ul | |
| 77) Fluoranthene | 19.00 | 202 | 444686 | 35.08 | ng/ul# | 95 |
| 80) Pyrene | 19.37 | 202 | 431699 | 23.28 | ng/ul# | 93 |
| 83) Benzo(a)anthracene | 21.13 | 228 | 195711 | 11.89 | ng/ul | 96 |
| 84) Bis(2-ethylhexyl)phthalate | 21.06 | 149 | 167035 | 16.43 | ng/ul | 99 |
| 85) Chrysene | 21.17 | 228 | 229738m | 15.23 | ng/ul | |
| 88) Benzo(b)fluoranthene | 22.68 | 252 | 309418 | 17.00 | ng/ul# | 59 |
| 89) Benzo(k)fluoranthene | 22.71 | 252 | 75656m | 4.52 | ng/ul | |
| 91) Benzo(a)pyrene | 23.23 | 252 | 199329 | 12.24 | ng/ul# | 45 |
| 92) Indeno(1,2,3-cd)pyrene | 25.54 | 276 | 70406 | 3.74 | ng/ul# | 91 |
| 94) Benzo(g,h,i)perylene | 26.22 | 276 | 64717 | 4.21 | ng/ul | 97 |

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

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