Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021858.D
Acq On : 12 May 2016 00:21
Operator : UM/SJ
Sample : H2936-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9WF4

**Manual Integrations APPROVED**
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Quant Time: May 12 09:06:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.18 | 152 | 69941 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.00 | 136 | 340649 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.81 | 164 | 202699 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.55 | 188 | 429600 | 20.00 | ng/ul | 0.00 |
| 76) Chrysene-d12 | 21.84 | 240 | 415325 | 20.00 | ng/ul | 0.00 |
| 84) Perylene-d12 | 25.19 | 264 | 421284 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.57 | 96 | 4728 | 3.26 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.33 | 99 | 82453 | 15.89 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.50 | 67 | 46423 | 18.04 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.71 | 132 | 83818 | 20.81 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.88 | 113 | 53227 | 12.21 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.35 | 128 | 42502 | 18.98 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.08 | 143 | 46706 | 33.02 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.62 | 165 | 77916 | 19.48 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.14 | 131 | 45341m | 10.52 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.20 | 166 | 277947 | 19.52 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.50 | 160 | 375212 | 18.56 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.01 | 143 | 25857m | 10.60 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.79 | 176 | 261506 | 17.44 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.91 | 200 | 28951 | 24.33 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.65 | 188 | 364636 | 17.44 | ng/ul | 0.00 |
| 77) Pyrene-d10 | 19.92 | 212 | 376765 | 19.38 | ng/ul | 0.00 |
| 88) Benzo(a)pyrene-d12 | 24.95 | 264 | 358144 | 17.89 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 14) Acetophenone | 9.02 | 105 | 8719 | 1.21 | ng/ul# | 70 |
| 28) Naphthalene | 11.06 | 128 | 17698 | 1.04 | ng/ul | 95 |
| 34) 2-Methylnaphthalene | 12.64 | 142 | 16279 | 1.29 | ng/ul | 94 |
| 35) 1-Methylnaphthalene | 12.86 | 142 | 15623 | 1.25 | ng/ul# | 93 |
| 45) Dimethylphthalate | 14.25 | 163 | 58358 | 4.02 | ng/ul | 97 |
| 70) Phenanthrene | 17.59 | 178 | 188943 | 8.04 | ng/ul | 98 |
| 75) Fluoranthene | 19.59 | 202 | 263826 | 9.89 | ng/ul | 96 |
| 78) Pyrene | 19.95 | 202 | 213636m | 8.89 | ng/ul | |
| 79) Butylbenzylphthalate | 20.82 | 149 | 7047 | 1.33 | ng/ul | 92 |
| 81) Benzo(a)anthracene | 21.82 | 228 | 123322 | 5.34 | ng/ul | 97 |
| 82) Bis(2-ethylhexyl)phthalate | 21.70 | 149 | 45537 | 5.25 | ng/ul# | 99 |
| 83) Chrysene | 21.89 | 228 | 134902 | 5.90 | ng/ul | 96 |
| 86) Benzo(b)fluoranthene | 24.12 | 252 | 195673 | 8.11 | ng/ul# | 95 |
| 87) Benzo(k)fluoranthene | 24.18 | 252 | 76496m | 2.96 | ng/ul | |
| 89) Benzo(a)pyrene | 25.03 | 252 | 120402 | 5.02 | ng/ul# | 94 |
| 90) Indeno(1,2,3-cd)pyrene | 29.01 | 276 | 90761 | 3.19 | ng/ul# | 92 |
| 91) Dibenzo(a,h)anthracene | 29.07 | 278 | 26406m | 1.12 | ng/ul | |
| 92) Benzo(g,h,i)perylene | 30.21 | 276 | 80762m | 3.44 | ng/ul | |

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

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