Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121016\
Data File : BG025100.D
Acq On : 11 Dec 2016 12:16
Operator : UM/SJ
Sample : H5905-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 16 08:41:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 06:35:19 2016
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** DA806

**Manual Integrations APPROVED**
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12/12/2016 4:30:10 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.24 | 152 | 106024 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.06 | 136 | 426245 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.86 | 164 | 340974 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.60 | 188 | 736259 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.89 | 240 | 869639 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.31 | 264 | 862237 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.60 | 96 | 7014 | 3.42 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.39 | 99 | 198411 | 21.69 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.55 | 67 | 139642 | 24.68 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.76 | 132 | 138632 | 21.67 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.94 | 113 | 153853 | 20.13 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.41 | 128 | 69982 | 23.19 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.14 | 143 | 80942 | 21.51 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.68 | 165 | 153727 | 21.24 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.20 | 131 | 58028 | 8.16 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.25 | 166 | 561895 | 23.96 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.55 | 160 | 581370 | 22.63 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.05 | 143 | 77893 | 19.32 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.84 | 176 | 478061 | 21.66 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.96 | 200 | 102535 | 22.52 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.70 | 188 | 697700 | 22.45 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.97 | 212 | 774376 | 21.62 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.06 | 264 | 733420 | 20.99 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.41 | 94 | 36506 | 3.89 | ng/ul# | 89 |
| 28) Naphthalene | 11.11 | 128 | 20990 | 1.06 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 12.70 | 142 | 21296m | 1.36 | ng/ul | |
| 44) Dimethylphthalate | 14.29 | 163 | 121032 | 5.25 | ng/ul# | 97 |
| 69) Phenanthrene | 17.64 | 178 | 100355 | 2.86 | ng/ul | 96 |
| 74) Fluoranthene | 19.64 | 202 | 229892 | 5.51 | ng/ul# | 97 |
| 77) Pyrene | 20.00 | 202 | 224451 | 5.37 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.87 | 228 | 176569 | 3.91 | ng/ul | 99 |
| 82) Chrysene | 21.94 | 228 | 188720 | 4.47 | ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 24.21 | 252 | 309625m | 7.24 | ng/ul | |
| 86) Benzo(k)fluoranthene | 24.27 | 252 | 91424 | 2.25 | ng/ul | 99 |
| 88) Benzo(a)pyrene | 25.14 | 252 | 174342 | 4.24 | ng/ul | 94 |
| 89) Indeno(1,2,3-cd)pyrene | 29.21 | 276 | 129409 | 2.53 | ng/ul | 94 |
| 91) Benzo(g,h,i)perylene | 30.45 | 276 | 114070m | 2.68 | ng/ul | |

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

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**ClientSampleId :**
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