Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021913.D
Acq On : 16 May 2016 19:25
Operator : UM/SJ
Sample : H3095-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9XE0

**Manual Integrations APPROVED**
umangi
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Quant Time: May 17 01:54:13 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 01:35:08 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 69820 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.99 | 136 | 332135 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.79 | 164 | 196116 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.54 | 188 | 402741 | 20.00 | ng/ul | 0.00 |
| 76) Chrysene-d12 | 21.82 | 240 | 397449 | 20.00 | ng/ul | 0.00 |
| 84) Perylene-d12 | 25.17 | 264 | 403982 | 20.00 | ng/ul | 0.03 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.54 | 96 | 5097 | 3.52 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.32 | 99 | 112475 | 21.71 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.49 | 67 | 51831 | 20.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.70 | 132 | 105919 | 26.34 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.87 | 113 | 85454 | 19.64 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.34 | 128 | 54978 | 25.18 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.06 | 143 | 60808 | 44.09 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.61 | 165 | 108791m | 27.90 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.12 | 131 | 52728m | 12.55 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.19 | 166 | 348111 | 25.27 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.49 | 160 | 477019 | 24.39 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.99 | 143 | 39061 | 16.54 | ng/ul | 0.01 |
| 58) Fluorene-d10 | 15.78 | 176 | 329346 | 22.71 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 38953 | 34.92 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.63 | 188 | 458897 | 23.41 | ng/ul | 0.00 |
| 77) Pyrene-d10 | 19.91 | 212 | 487415 | 26.20 | ng/ul | 0.00 |
| 88) Benzo(a)pyrene-d12 | 24.94 | 264 | 477243 | 24.86 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 14.24 | 163 | 146733 | 10.46 | ng/ul | 99 |
| 70) Phenanthrene | 17.58 | 178 | 117931 | 5.36 | ng/ul | 97 |
| 74) Di-n-butylphthalate | 18.48 | 149 | 51435 | 2.92 | ng/ul# | 94 |
| 75) Fluoranthene | 19.58 | 202 | 377601 | 15.09 | ng/ul# | 94 |
| 78) Pyrene | 19.94 | 202 | 342577m | 14.90 | ng/ul | |
| 81) Benzo(a)anthracene | 21.81 | 228 | 224888 | 10.17 | ng/ul | 97 |
| 82) Bis(2-ethylhexyl)phthalate | 21.69 | 149 | 39583 | 4.77 | ng/ul# | 93 |
| 83) Chrysene | 21.87 | 228 | 250091 | 11.43 | ng/ul | 94 |
| 86) Benzo(b)fluoranthene | 24.11 | 252 | 412655 | 17.85 | ng/ul# | 93 |
| 87) Benzo(k)fluoranthene | 24.16 | 252 | 159919m | 6.46 | ng/ul | |
| 89) Benzo(a)pyrene | 25.01 | 252 | 267903 | 11.64 | ng/ul# | 93 |
| 90) Indeno(1,2,3-cd)pyrene | 29.00 | 276 | 170118m | 6.24 | ng/ul | |
| 91) Dibenzo(a,h)anthracene | 29.06 | 278 | 43148m | 1.90 | ng/ul | |
| 92) Benzo(g,h,i)perylene | 30.22 | 276 | 151273m | 6.72 | ng/ul | |

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

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