Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021907.D
Acq On : 16 May 2016 15:26
Operator : UM/SJ
Sample : H3095-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9XE9

**Manual Integrations APPROVED**
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Quant Time: May 17 01:14:18 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 00:31:45 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 75989 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.98 | 136 | 375221 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.79 | 164 | 222596 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.53 | 188 | 474675 | 20.00 | ng/ul | 0.00 |
| 76) Chrysene-d12 | 21.82 | 240 | 475092 | 20.00 | ng/ul | 0.00 |
| 84) Perylene-d12 | 25.15 | 264 | 471571 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.54 | 96 | 5430 | 3.45 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.31 | 99 | 123439 | 21.89 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.48 | 67 | 57438 | 20.54 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.69 | 132 | 112203 | 25.64 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.87 | 113 | 110594 | 23.35 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.34 | 128 | 56825 | 23.04 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.06 | 143 | 64156 | 41.17 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.60 | 165 | 118637m | 26.93 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.12 | 131 | 105157 | 22.16 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.18 | 166 | 375318 | 24.01 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.48 | 160 | 502108 | 22.62 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.98 | 143 | 58927m | 21.99 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.78 | 176 | 342340 | 20.80 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.89 | 200 | 46919 | 35.68 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.63 | 188 | 473709 | 20.50 | ng/ul | 0.00 |
| 77) Pyrene-d10 | 19.91 | 212 | 505951m | 22.75 | ng/ul | 0.00 |
| 88) Benzo(a)pyrene-d12 | 24.92 | 264 | 473498 | 21.13 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 14.23 | 163 | 68102 | 4.28 | ng/ul | 98 |
| 69) Pentachlorophenol | 17.18 | 266 | 3308 | 1.51 | ng/ul# | 53 |
| 70) Phenanthrene | 17.57 | 178 | 132468 | 5.10 | ng/ul | 99 |
| 75) Fluoranthene | 19.57 | 202 | 245869 | 8.34 | ng/ul | 97 |
| 78) Pyrene | 19.94 | 202 | 210777 | 7.67 | ng/ul | 96 |
| 81) Benzo(a)anthracene | 21.79 | 228 | 104473 | 3.95 | ng/ul | 94 |
| 82) Bis(2-ethylhexyl)phthalate | 21.68 | 149 | 59256 | 5.97 | ng/ul | 95 |
| 83) Chrysene | 21.86 | 228 | 109273 | 4.18 | ng/ul | 96 |
| 86) Benzo(b)fluoranthene | 24.08 | 252 | 162254 | 6.01 | ng/ul# | 95 |
| 89) Benzo(a)pyrene | 24.99 | 252 | 97227 | 3.62 | ng/ul# | 98 |
| 90) Indeno(1,2,3-cd)pyrene | 28.94 | 276 | 74795m | 2.35 | ng/ul | |
| 92) Benzo(g,h,i)perylene | 30.16 | 276 | 65778m | 2.50 | ng/ul | |

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

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