Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081115\
Data File : BG018384.D
Acq On : 11 Aug 2015 16:46
Operator : UM/MA
Sample : G3136-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C02D0

**Manual Integrations APPROVED**
MMDadoda
8/12/2015 3:53:09 PM

Quant Time: Aug 12 02:14:44 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 00:54:17 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.04 | 152 | 63019 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.85 | 136 | 284764 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.67 | 164 | 173869 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.41 | 188 | 357066 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.68 | 240 | 320944 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.91 | 264 | 331502 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.47 | 96 | 5049 | 3.54 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.20 | 99 | 95189 | 16.64 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.36 | 67 | 60750 | 17.14 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.57 | 132 | 73417 | 16.76 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.74 | 113 | 67485 | 14.04 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.20 | 128 | 37291 | 16.80 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.92 | 143 | 40501 | 17.91 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.47 | 165 | 69557 | 14.50 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.98 | 131 | 65104 | 12.01 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.07 | 166 | 239769 | 16.39 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.36 | 160 | 225638 | 12.25 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.85 | 143 | 16213 | 6.16 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.66 | 176 | 146474 | 11.50 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.77 | 200 | 459 | 0.26 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.51 | 188 | 187852 | 11.00 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.79 | 212 | 160651 | 9.65 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.68 | 264 | 126948 | 7.21 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.90 | 128 | 63958 | 4.25 | ng/ul | 95 |
| 34) 2-Methylnaphthalene | 12.50 | 142 | 12266 | 1.13 | ng/ul | 86 |
| 45) Dimethylphthalate | 14.11 | 163 | 137256 | 9.51 | ng/ul# | 96 |
| 50) Acenaphthene | 14.73 | 153 | 28706 | 2.21 | ng/ul# | 83 |
| 59) Fluorene | 15.71 | 166 | 21955 | 1.51 | ng/ul | 94 |
| 70) Phenanthrene | 17.45 | 178 | 208903 | 10.78 | ng/ul | 98 |
| 72) Anthracene | 17.54 | 178 | 43830m | 2.22 | ng/ul | |
| 75) Carbazole | 17.80 | 167 | 22012 | 1.27 | ng/ul# | 79 |
| 77) Fluoranthene | 19.46 | 202 | 330189 | 15.96 | ng/ul | 96 |
| 80) Pyrene | 19.82 | 202 | 301290 | 13.88 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.66 | 228 | 158063 | 7.94 | ng/ul | 96 |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149 | 82395 | 6.35 | ng/ul# | 98 |
| 85) Chrysene | 21.72 | 228 | 158974 | 8.54 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 23.88 | 252 | 226799 | 10.89 | ng/ul# | 85 |
| 89) Benzo(k)fluoranthene | 23.95 | 252 | 85577m | 4.27 | ng/ul | |
| 91) Benzo(a)pyrene | 24.76 | 252 | 167807 | 8.47 | ng/ul# | 83 |
| 92) Indeno(1,2,3-cd)pyrene | 28.59 | 276 | 104540m | 4.56 | ng/ul | |
| 94) Benzo(g,h,i)perylene | 29.73 | 276 | 82032 | 4.26 | ng/ul# | 89 |

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

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