Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018235.D
Acq On : 2 Aug 2015 20:30
Operator : TP
Sample : G3073-09RE
Misc :
ALS Vial : 34 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C01Q2RE

**Manual Integrations APPROVED**
MMDadoda
8/4/2015 12:20:23 PM

Quant Time: Aug 11 17:05:47 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.48 | 152 | 88922 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.27 | 136 | 351057 | 20.00 | ng/ul | 0.01 |
| 36) Acenaphthene-d10 | 14.17 | 164 | 174023 | 20.00 | ng/ul | 0.02 |
| 62) Phenanthrene-d10 | 16.92 | 188 | 283252m | 20.00 | ng/ul | 0.01 |
| 78) Chrysene-d12 | 21.13 | 240 | 321130m | 20.00 | ng/ul | 0.01 |
| 86) Perylene-d12 | 23.32 | 264 | 270937 | 20.00 | ng/ul | 0.03 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.97 | 96 | 2025 | 1.72 | ng/uL | 0.01 |
| 5) Phenol-d5 | 6.69 | 99 | 95982 | 12.00 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.82 | 67 | 50120 | 12.26 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.02 | 132 | 84034 | 13.91 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8 | 8.22 | 113 | 71521 | 10.98 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 8.64 | 128 | 42935 | 15.53 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.36 | 143 | 43241 | 13.63 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.91 | 165 | 84542 | 15.07 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4 | 10.41 | 131 | 50749 | 7.26 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.58 | 166 | 205808 | 15.30 | ng/ul | 0.01 |
| 47) Acenaphthylene-d8 | 13.86 | 160 | 230128 | 14.76 | ng/ul | 0.02 |
| 52) 4-Nitrophenol-d4 | 14.42 | 143 | 21337 | 8.57 | ng/ul | 0.03 |
| 58) Fluorene-d10 | 15.17 | 176 | 143993 | 11.83 | ng/ul | 0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0d | 0.00 | ng/ul | |
| 71) Anthracene-d10 | 17.02 | 188 | 165542 | 13.44 | ng/ul | 0.02 |
| 79) Pyrene-d10 | 19.33 | 212 | 173600m | 11.17 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12 | 23.19 | 264 | 178346 | 13.02 | ng/ul | 0.04 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.32 | 128 | 78044 | 4.62 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 11.95 | 142 | 40150 | 3.00 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.63 | 163 | 113344 | 8.47 | ng/ul | 99 |
| 50) Acenaphthene | 14.23 | 153 | 19942 | 1.98 | ng/ul | 93 |
| 59) Fluorene | 15.22 | 166 | 20790 | 1.59 | ng/ul# | 84 |
| 70) Phenanthrene | 16.97 | 178 | 121829 | 8.47 | ng/ul | 99 |
| 72) Anthracene | 17.06 | 178 | 29602m | 2.07 | ng/ul | |
| 77) Fluoranthene | 19.00 | 202 | 280508m | 17.75 | ng/ul | |
| 80) Pyrene | 19.36 | 202 | 264396m | 13.57 | ng/ul | |
| 83) Benzo(a)anthracene | 21.11 | 228 | 123806m | 7.16 | ng/ul | |
| 84) Bis(2-ethylhexyl)phthalate | 21.05 | 149 | 31308m | 2.93 | ng/ul | |
| 85) Chrysene | 21.17 | 228 | 144473m | 9.12 | ng/ul | |
| 88) Benzo(b)fluoranthene | 22.67 | 252 | 238127 | 14.63 | ng/ul# | 84 |
| 89) Benzo(k)fluoranthene | 22.71 | 252 | 81233m | 5.43 | ng/ul | |
| 91) Benzo(a)pyrene | 23.23 | 252 | 140815 | 9.67 | ng/ul# | 82 |
| 92) Indeno(1,2,3-cd)pyrene | 25.53 | 276 | 59189 | 3.51 | ng/ul# | 82 |
| 94) Benzo(g,h,i)perylene | 26.22 | 276 | 45971 | 3.34 | ng/ul# | 93 |

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

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