Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021843.D
Acq On : 11 May 2016 14:20
Operator : UM/SJ
Sample : H2937-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9X89

**Manual Integrations APPROVED**
sohil
5/12/2016 7:30:15 PM

Quant Time: May 12 06:40:28 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 04:46:15 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.18 | 152 | 68715 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.00 | 136 | 373004 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.80 | 164 | 225517 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.54 | 188 | 479191 | 20.00 | ng/ul | 0.00 |
| 76) Chrysene-d12 | 21.83 | 240 | 481223 | 20.00 | ng/ul | 0.00 |
| 84) Perylene-d12 | 25.17 | 264 | 466784 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.57 | 96 | 4142 | 2.91 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.33 | 99 | 86550 | 16.97 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.50 | 67 | 41034 | 16.23 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.71 | 132 | 79954 | 20.20 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.88 | 113 | 70321 | 16.42 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.35 | 128 | 41201 | 16.80 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.08 | 143 | 42148 | 27.21 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.62 | 165 | 84736 | 19.35 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.13 | 131 | 93418m | 19.80 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.20 | 166 | 291492m | 18.40 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.50 | 160 | 397603 | 17.68 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.99 | 143 | 36844m | 13.57 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.79 | 176 | 266273 | 15.97 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 29872 | 22.50 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.64 | 188 | 373449 | 16.01 | ng/ul | 0.00 |
| 77) Pyrene-d10 | 19.92 | 212 | 407038 | 18.07 | ng/ul | 0.00 |
| 88) Benzo(a)pyrene-d12 | 24.94 | 264 | 376522 | 16.98 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 14.24 | 163 | 34976 | 2.17 | ng/ul# | 99 |
| 70) Phenanthrene | 17.59 | 178 | 28292 | 1.08 | ng/ul | 97 |
| 75) Fluoranthene | 19.59 | 202 | 68715 | 2.31 | ng/ul# | 95 |
| 78) Pyrene | 19.95 | 202 | 62191 | 2.23 | ng/ul | 96 |
| 81) Benzo(a)anthracene | 21.81 | 228 | 38513 | 1.44 | ng/ul | 97 |
| 82) Bis(2-ethylhexyl)phthalate | 21.70 | 149 | 10314 | 1.03 | ng/ul | 93 |
| 83) Chrysene | 21.88 | 228 | 42300m | 1.60 | ng/ul | |
| 86) Benzo(b)fluoranthene | 24.11 | 252 | 57303m | 2.14 | ng/ul | |
| 87) Benzo(k)fluoranthene | 24.15 | 252 | 31480m | 1.10 | ng/ul | |
| 89) Benzo(a)pyrene | 25.01 | 252 | 38146 | 1.43 | ng/ul# | 96 |
| 90) Indeno(1,2,3-cd)pyrene | 28.99 | 276 | 34242m | 1.09 | ng/ul | |
| 92) Benzo(g,h,i)perylene | 30.18 | 276 | 34390m | 1.32 | ng/ul | |

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

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