Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081215\
Data File : BG018396.D
Acq On : 12 Aug 2015 11:49
Operator : UM/MA
Sample : G3109-13 DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C01P9DL

**Manual Integrations APPROVED**
MMDadoda
8/13/2015 5:39:25 PM

Quant Time: Aug 14 03:10:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 01:43:01 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.03 | 152 | 77267 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.83 | 136 | 383294 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.65 | 164 | 242354 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.40 | 188 | 554949 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.66 | 240 | 487029 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.89 | 264 | 457697 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 5) Phenol-d5 | 7.18 | 99 | 24951 | 3.56 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.34 | 67 | 16757 | 3.86 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.56 | 132 | 20022 | 3.73 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.73 | 113 | 20057 | 3.40 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.18 | 128 | 10192 | 3.41 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.91 | 143 | 12139 | 3.99 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.45 | 165 | 22069 | 3.42 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.95 | 131 | 11366 | 1.56 | ng/ul | -0.01 |
| 44) Dimethylphthalate-d6 | 14.05 | 166 | 73622 | 3.61 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.35 | 160 | 88790 | 3.46 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.84 | 143 | 7349 | 2.00 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.64 | 176 | 63658 | 3.58 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.75 | 200 | 6967 | 2.55 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.49 | 188 | 92039m | 3.47 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.78 | 212 | 91454 | 3.62 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.67 | 264 | 79326 | 3.26 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.88 | 128 | 47392 | 2.34 | ng/ul# | 94 |
| 34) 2-Methylnaphthalene | 12.49 | 142 | 30015 | 2.05 | ng/ul | 98 |
| 45) Dimethylphthalate | 14.10 | 163 | 28022 | 1.39 | ng/ul# | 95 |
| 50) Acenaphthene | 14.71 | 153 | 34173 | 1.89 | ng/ul | 92 |
| 54) Dibenzofuran | 15.05 | 168 | 30413 | 1.29 | ng/ul | 93 |
| 59) Fluorene | 15.70 | 166 | 36961 | 1.82 | ng/ul | 98 |
| 70) Phenanthrene | 17.44 | 178 | 195399 | 6.49 | ng/ul | 98 |
| 72) Anthracene | 17.53 | 178 | 46226 | 1.51 | ng/ul | 100 |
| 77) Fluoranthene | 19.45 | 202 | 234096 | 7.28 | ng/ul | 96 |
| 80) Pyrene | 19.81 | 202 | 213642 | 6.49 | ng/ul | 95 |
| 81) Butylbenzylphthalate | 20.69 | 149 | 59210 | 4.25 | ng/ul | 91 |
| 83) Benzo(a)anthracene | 21.65 | 228 | 79550 | 2.63 | ng/ul# | 90 |
| 84) Bis(2-ethylhexyl)phthalate | 21.56 | 149 | 620049 | 31.50 | ng/ul | 98 |
| 85) Chrysene | 21.70 | 228 | 74276 | 2.63 | ng/ul# | 95 |
| 88) Benzo(b)fluoranthene | 23.87 | 252 | 106374 | 3.70 | ng/ul# | 41 |
| 89) Benzo(k)fluoranthene | 23.92 | 252 | 29865m | 1.08 | ng/ul | |
| 91) Benzo(a)pyrene | 24.74 | 252 | 62667 | 2.29 | ng/ul# | 45 |
| 92) Indeno(1,2,3-cd)pyrene | 28.56 | 276 | 42041 | 1.33 | ng/ul# | 79 |
| 94) Benzo(g,h,i)perylene | 29.70 | 276 | 41666m | 1.57 | ng/ul | |

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

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