Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 09 02:48:14 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** DA7Y8

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.24 | 152 | 95872 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.07 | 136 | 373538 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.86 | 164 | 317126 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.61 | 188 | 723820m | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.90 | 240 | 996186m | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.31 | 264 | 1056156m | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.60 | 96 | 8930 | 4.81 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.38 | 99 | 177131 | 21.42 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.56 | 67 | 119639 | 23.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.77 | 132 | 133131 | 23.02 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.94 | 113 | 124737 | 18.05 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.42 | 128 | 67897 | 25.67 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.14 | 143 | 82552 | 25.03 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.68 | 165 | 153827 | 24.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.21 | 131 | 57096 | 9.16 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.25 | 166 | 551879 | 25.30 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.56 | 160 | 613572 | 25.68 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.05 | 143 | 65248 | 17.40 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.85 | 176 | 512661 | 24.97 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.96 | 200 | 98845m | 22.09 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.70 | 188 | 834328 | 27.31 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.97 | 212 | 1081662 | 26.36 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.07 | 264 | 1165509 | 27.24 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.41 | 94 | 42274 | 4.98 | ng/ul | 95 |
| 11) 2-Methylphenol | 8.68 | 108 | 7159 | 1.15 | ng/ul# | 78 |
| 14) Acetophenone | 9.07 | 105 | 22966 | 2.18 | ng/ul# | 83 |
| 16) 4-Methylphenol | 9.00 | 108 | 9956m | 1.43 | ng/ul | |
| 24) 2,4-Dimethylphenol | 10.22 | 107 | 13745 | 1.80 | ng/ul# | 78 |
| 28) Naphthalene | 11.12 | 128 | 18411 | 1.06 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 12.71 | 142 | 21823 | 1.59 | ng/ul | 83 |
| 44) Dimethylphthalate | 14.30 | 163 | 100842 | 4.70 | ng/ul# | 95 |
| 47) Acenaphthylene | 14.59 | 152 | 28572 | 1.23 | ng/ul# | 83 |
| 69) Phenanthrene | 17.65 | 178 | 61108 | 1.77 | ng/ul | 95 |
| 74) Fluoranthene | 19.64 | 202 | 482001m | 11.74 | ng/ul | |
| 77) Pyrene | 20.00 | 202 | 554003 | 11.57 | ng/ul | 99 |
| 80) Benzo(a)anthracene | 21.88 | 228 | 425602m | 8.22 | ng/ul | |
| 82) Chrysene | 21.94 | 228 | 681214 | 14.07 | ng/ul | 95 |
| 85) Benzo(b)fluoranthene | 24.22 | 252 | 1276518 | 24.37 | ng/ul | 97 |
| 86) Benzo(k)fluoranthene | 24.29 | 252 | 423297m | 8.50 | ng/ul | |
| 88) Benzo(a)pyrene | 25.15 | 252 | 584995 | 11.62 | ng/ul | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 29.22 | 276 | 738482 | 11.80 | ng/ul | 97 |
| 90) Dibenzo(a,h)anthracene | 29.25 | 278 | 187869 | 3.56 | ng/ul# | 85 |
| 91) Benzo(g,h,i)perylene | 30.46 | 276 | 663925 | 12.71 | ng/ul# | 95 |

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

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