Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025116.D
Acq On : 12 Dec 2016 16:07
Operator : UM/SJ
Sample : H5860-13 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 13 00:54:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 00:29:17 2016
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** DA8E0

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.23 | 152 | 86348 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.07 | 136 | 378096 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.86 | 164 | 300949 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.61 | 188 | 632787 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.89 | 240 | 726399 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.31 | 264 | 751024 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.59 | 96 | 1288 | 0.77 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.38 | 99 | 34735 | 4.66 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.55 | 67 | 21412 | 4.65 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.77 | 132 | 23702 | 4.55 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.94 | 113 | 26926 | 4.33 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.42 | 128 | 14322 | 5.35 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.14 | 143 | 12764 | 3.82 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.68 | 165 | 26641 | 4.15 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.21 | 131 | 15088 | 2.39 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.25 | 166 | 95397 | 4.61 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.56 | 160 | 107627 | 4.75 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.07 | 143 | 9501m | 2.67 | ng/ul | 0.02 |
| 57) Fluorene-d10 | 15.85 | 176 | 97620 | 5.01 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 10064 | 2.57 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.70 | 188 | 137450 | 5.15 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.97 | 212 | 161450 | 5.40 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.07 | 264 | 153619 | 5.05 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 14.30 | 163 | 20860 | 1.03 | ng/ul# | 93 |
| 69) Phenanthrene | 17.65 | 178 | 259707 | 8.60 | ng/ul | 95 |
| 72) Carbazole | 18.00 | 167 | 45969 | 1.77 | ng/ul# | 86 |
| 74) Fluoranthene | 19.64 | 202 | 899418 | 25.06 | ng/ul | 99 |
| 77) Pyrene | 20.00 | 202 | 702406 | 20.12 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.88 | 228 | 309606 | 8.20 | ng/ul | 99 |
| 82) Chrysene | 21.94 | 228 | 428345 | 12.13 | ng/ul | 96 |
| 85) Benzo(b)fluoranthene | 24.22 | 252 | 569449 | 15.29 | ng/ul | 99 |
| 86) Benzo(k)fluoranthene | 24.28 | 252 | 187070m | 5.28 | ng/ul | |
| 88) Benzo(a)pyrene | 25.16 | 252 | 280374 | 7.83 | ng/ul# | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 29.23 | 276 | 272632m | 6.13 | ng/ul | |
| 90) Dibenzo(a,h)anthracene | 29.32 | 278 | 71457m | 1.91 | ng/ul | |
| 91) Benzo(g,h,i)perylene | 30.47 | 276 | 235750m | 6.35 | ng/ul | |

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

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