Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023712.D
Acq On : 14 Aug 2016 6:27
Operator : UM/SJ
Sample : H4388-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PR002-SS001-3642-01

**Manual Integrations APPROVED**
umangi
8/16/2016 7:00:26 PM

Quant Time: Aug 15 19:35:38 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 15 18:52:38 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.12 | 152 | 122065 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.95 | 136 | 538662 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.79 | 164 | 335680 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.55 | 188 | 705782m | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.88 | 240 | 756465m | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.29 | 264 | 743791 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.49 | 96 | 8056 | 2.81 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.27 | 99 | 223288 | 18.16 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.43 | 67 | 158087 | 20.07 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.64 | 132 | 165553 | 19.74 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.83 | 113 | 129221 | 13.46 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.29 | 128 | 90104m | 21.22 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.02 | 143 | 103768 | 21.28 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.57 | 165 | 172403 | 18.74 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.09 | 131 | 150438m | 13.94 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.18 | 166 | 585195 | 21.29 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.48 | 160 | 696574 | 22.52 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.01 | 143 | 69044 | 14.72 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.78 | 176 | 508626 | 20.03 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.92 | 200 | 69405m | 15.33 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.65 | 188 | 699646m | 22.00 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.95 | 212 | 782612 | 20.44 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.05 | 264 | 747676 | 22.21 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.30 | 94 | 19931 | 1.56 | ng/ul# | 80 |
| 44) Dimethylphthalate | 14.23 | 163 | 379342 | 13.94 | ng/ul | 98 |
| 47) Acenaphthylene | 14.51 | 152 | 40531 | 1.25 | ng/ul | 98 |
| 69) Phenanthrene | 17.60 | 178 | 231188m | 6.32 | ng/ul | |
| 74) Fluoranthene | 19.61 | 202 | 363814m | 9.72 | ng/ul | |
| 77) Pyrene | 19.98 | 202 | 667836m | 14.28 | ng/ul | |
| 80) Benzo(a)anthracene | 21.86 | 228 | 279816m | 6.57 | ng/ul | |
| 82) Chrysene | 21.93 | 228 | 304934m | 7.87 | ng/ul | |
| 85) Benzo(b)fluoranthene | 24.20 | 252 | 208285 | 4.92 | ng/ul# | 93 |
| 86) Benzo(k)fluoranthene | 24.26 | 252 | 52906m | 1.27 | ng/ul | |
| 88) Benzo(a)pyrene | 25.13 | 252 | 186549 | 4.57 | ng/ul# | 94 |
| 89) Indeno(1,2,3-cd)pyrene | 29.20 | 276 | 93497m | 1.95 | ng/ul | |
| 91) Benzo(g,h,i)perylene | 30.41 | 276 | 98671m | 2.48 | ng/ul | |

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

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