Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020632.D
Acq On : 31 Dec 2015 8:46
Operator : UM/SJ
Sample : G4802-10DL 30X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9D85DL

Manual Integrations APPROVED
Sohil
12/31/2015 6:37:46 PM

Quant Time: Dec 31 13:27:23 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 03:43:50 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.06 | 152 | 19666 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.88 | 136 | 89487 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.70 | 164 | 64077 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.45 | 188 | 155960 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.72 | 240 | 182246 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.97 | 264 | 172230 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0 | 0.00 | ng/uL | |
| 5) Phenol-d5 | 7.22 | 99 | 65 | 0.04 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.39 | 67 | 404 | 0.40 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0 | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 8.79 | 113 | 552 | 0.39 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 9.24 | 128 | 194 | 0.28 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 0.00 | 143 | 0 | 0.00 | ng/ul | |
| 26) 2,4-Dichlorophenol-d3 | 0.00 | 165 | 0 | 0.00 | ng/ul | |
| 29) 4-Chloroaniline-d4 | 11.04 | 131 | 282 | 0.16 | ng/ul | 0.03 |
| 44) Dimethylphthalate-d6 | 14.10 | 166 | 4236 | 0.81 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.40 | 160 | 4946 | 0.83 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 0.00 | 143 | 0 | 0.00 | ng/ul | |
| 58) Fluorene-d10 | 15.69 | 176 | 4538 | 0.95 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0 | 0.00 | ng/ul | |
| 71) Anthracene-d10 | 17.54 | 188 | 7523m | 1.04 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.83 | 212 | 8117 | 0.99 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.75 | 264 | 7602m | 0.88 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.92 | 128 | 6703 | 1.41 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 12.53 | 142 | 4609 | 1.30 | ng/ul | 96 |
| 48) Acenaphthylene | 14.42 | 152 | 10867 | 1.71 | ng/ul | 96 |
| 59) Fluorene | 15.74 | 166 | 27802 | 5.33 | ng/ul | 99 |
| 70) Phenanthrene | 17.49 | 178 | 383487 | 45.23 | ng/ul | 99 |
| 72) Anthracene | 17.58 | 178 | 49046 | 5.66 | ng/ul | 97 |
| 77) Fluoranthene | 19.50 | 202 | 354950 | 34.26 | ng/ul | 100 |
| 80) Pyrene | 19.86 | 202 | 619056 | 58.65 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.70 | 228 | 240818 | 22.59 | ng/ul | 98 |
| 85) Chrysene | 21.76 | 228 | 231535 | 23.07 | ng/ul | 99 |
| 88) Benzo(b)fluoranthene | 23.94 | 252 | 226661 | 22.16 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 23.99 | 252 | 78957m | 8.06 | ng/ul | |
| 91) Benzo(a)pyrene | 24.83 | 252 | 146268 | 14.88 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 28.70 | 276 | 112324 | 9.58 | ng/ul | 100 |
| 93) Dibenzo(a,h)anthracene | 28.72 | 278 | 33531m | 3.43 | ng/ul | |
| 94) Benzo(g,h,i)perylene | 29.86 | 276 | 120828 | 12.55 | ng/ul | 99 |

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

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