Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020329.D
Acq On : 20 Dec 2015 2:16
Operator : UM/SJ
Sample : G4866-11
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Dec 20 06:32:23 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 05:53:46 2015
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** E43M3

**Manual Integrations APPROVED**
apatel
12/22/2015 2:14:30 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.09 | 152 | 23754 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.91 | 136 | 103720 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.72 | 164 | 69061 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.47 | 188 | 160137 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.74 | 240 | 198790 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.02 | 264 | 192690 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.46 | 96 | 1975 | 4.59 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.24 | 99 | 51799 | 24.73 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.41 | 67 | 31027 | 24.82 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.62 | 132 | 41356 | 27.15 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.79 | 113 | 41863 | 23.37 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.26 | 128 | 22206 | 27.47 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.98 | 143 | 26103 | 29.01 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.52 | 165 | 48433 | 26.58 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.04 | 131 | 41146 | 20.10 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.12 | 166 | 158764 | 28.42 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.42 | 160 | 182704 | 28.11 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.91 | 143 | 21663 | 21.62 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.71 | 176 | 142284 | 28.08 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.82 | 200 | 23295 | 24.54 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.57 | 188 | 208519 | 28.26 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.85 | 212 | 240813 | 25.99 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.80 | 264 | 268042 | 27.89 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.96 | 128 | 5657 | 1.04 | ng/ul | 97 |
| 45) Dimethylphthalate | 14.17 | 163 | 47917 | 8.40 | ng/ul | 99 |
| 48) Acenaphthylene | 14.45 | 152 | 14631m | 2.12 | ng/ul | |
| 50) Acenaphthene | 14.78 | 153 | 9462 | 2.04 | ng/ul | 98 |
| 54) Dibenzofuran | 15.11 | 168 | 10725 | 1.55 | ng/ul | 96 |
| 59) Fluorene | 15.77 | 166 | 21133 | 3.81 | ng/ul | 97 |
| 70) Phenanthrene | 17.51 | 178 | 486968 | 55.59 | ng/ul | 99 |
| 72) Anthracene | 17.60 | 178 | 110722 | 12.46 | ng/ul | 99 |
| 75) Carbazole | 17.86 | 167 | 44377 | 5.94 | ng/ul | 99 |
| 77) Fluoranthene | 19.52 | 202 | 1193750 | 116.61 | ng/ul | 99 |
| 80) Pyrene | 19.88 | 202 | 922718 | 76.69 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.72 | 228 | 575208 | 49.59 | ng/ul | 97 |
| 85) Chrysene | 21.80 | 228 | 567870 | 51.98 | ng/ul | 96 |
| 88) Benzo(b)fluoranthene | 23.99 | 252 | 841395 | 72.55 | ng/ul | 96 |
| 89) Benzo(k)fluoranthene | 24.05 | 252 | 264423m | 23.76 | ng/ul | |
| 91) Benzo(a)pyrene | 24.87 | 252 | 553167 | 50.32 | ng/ul | 96 |
| 92) Indeno(1,2,3-cd)pyrene | 28.77 | 276 | 461152 | 35.22 | ng/ul | 94 |
| 93) Dibenzo(a,h)anthracene | 28.80 | 278 | 102838 | 9.46 | ng/ul# | 94 |
| 94) Benzo(g,h,i)perylene | 29.94 | 276 | 395790 | 36.88 | ng/ul | 99 |

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020329.D
Acq On : 20 Dec 2015 2:16
Operator : UM/SJ
Sample : G4866-11
Misc :
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Dec 20 06:32:23 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 05:53:46 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
E43M3

**Manual Integrations APPROVED**
apatel
12/22/2015 2:14:30 PM