Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020603.D
Acq On : 30 Dec 2015 11:21
Operator : UM/SJ
Sample : G4846-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9N51

**Manual Integrations APPROVED**
Sohil
12/31/2015 6:33:09 PM

Quant Time: Dec 30 15:47:03 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 08:00:55 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.06 | 152 | 23711 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.94 | 136 | 79592 | 20.00 | ng/ul | 0.07 |
| 36) Acenaphthene-d10 | 14.70 | 164 | 70864 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.45 | 188 | 156497 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.71 | 240 | 194689 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.97 | 264 | 190045 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.43 | 96 | 600 | 1.52 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.22 | 99 | 15728 | 7.85 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.38 | 67 | 39426 | 32.55 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.59 | 132 | 40527 | 26.47 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.78 | 113 | 30066 | 17.50 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.24 | 128 | 28998 | 47.16 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.97 | 143 | 33695 | 47.21 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.53 | 165 | 54860 | 40.46 | ng/ul | 0.03 |
| 29) 4-Chloroaniline-d4 | 11.08 | 131 | 1198 | 0.74 | ng/ul | 0.07 |
| 44) Dimethylphthalate-d6 | 14.11 | 166 | 189397 | 32.66 | ng/ul | 0.01 |
| 47) Acenaphthylene-d8 | 14.40 | 160 | 225645 | 34.25 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.92 | 143 | 6716 | 7.38 | ng/ul | 0.01 |
| 58) Fluorene-d10 | 15.69 | 176 | 173312 | 32.97 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.83 | 200 | 30760 | 32.41 | ng/ul | 0.01 |
| 71) Anthracene-d10 | 17.55 | 188 | 261012 | 35.80 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.83 | 212 | 305136 | 34.95 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.74 | 264 | 349319 | 36.84 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.25 | 94 | 12062 | 5.59 | ng/ul | 89 |
| 11) 2-Methylphenol | 8.51 | 108 | 79793 | 47.99 | ng/ul | 97 |
| 14) Acetophenone | 8.90 | 105 | 44227 | 15.71 | ng/ul# | 91 |
| 16) 4-Methylphenol | 8.85 | 108 | 150988 | 82.10 | ng/ul | 89 |
| 24) 2,4-Dimethylphenol | 10.07 | 107 | 494025 | 311.52 | ng/ul | 100 |
| 28) Naphthalene | 11.04 | 128 | 11406270 | 2706.12 | ng/ul# | 39 |
| 34) 2-Methylnaphthalene | 12.56 | 142 | 2139182 | 678.27 | ng/ul | 95 |
| 41) 1,1'-Biphenyl | 13.54 | 154 | 619751 | 116.23 | ng/ul | 99 |
| 48) Acenaphthylene | 14.43 | 152 | 270897 | 38.61 | ng/ul | 98 |
| 50) Acenaphthene | 14.79 | 153 | 2215320 | 466.61 | ng/ul# | 92 |
| 54) Dibenzofuran | 15.11 | 168 | 1848764 | 257.67 | ng/ul | 89 |
| 59) Fluorene | 15.76 | 166 | 1367996 | 237.03 | ng/ul# | 97 |
| 70) Phenanthrene | 17.51 | 178 | 2093748m | 246.09 | ng/ul | |
| 72) Anthracene | 17.58 | 178 | 135895 | 15.62 | ng/ul | 99 |
| 75) Carbazole | 17.88 | 167 | 2631659 | 358.37 | ng/ul# | 82 |
| 77) Fluoranthene | 19.49 | 202 | 376495 | 36.22 | ng/ul | 100 |
| 80) Pyrene | 19.86 | 202 | 218101 | 19.34 | ng/ul | 99 |

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020603.D
Acq On : 30 Dec 2015 11:21
Operator : UM/SJ
Sample : G4846-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 30 15:47:03 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 08:00:55 2015
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
D9N51

**Manual Integrations APPROVED**
Sohil
12/31/2015 6:33:09 PM