Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026941.D
Acq On : 10 May 2017 16:56
Operator : SJ/MA
Sample : I2884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** YAB34

**Manual Integrations APPROVED**
mohammad
5/11/2017 4:53:22 PM

Quant Time: May 10 17:54:29 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 17:27:44 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.01 | 152 | 199222 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.80 | 136 | 915007 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.62 | 164 | 445771 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.35 | 188 | 792552 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.60 | 240 | 721308 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 24.79 | 264 | 691086 | 20.00 | ng/ul | 0.03 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.43 | 96 | 8906 | 2.01 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.18 | 99 | 255515 | 14.37 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.32 | 67 | 160834 | 15.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.55 | 132 | 214482 | 14.21 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.72 | 113 | 213416 | 14.46 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.16 | 128 | 111385 | 14.56 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.89 | 143 | 118045 | 14.19 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.44 | 165 | 189201 | 14.31 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.95 | 131 | 49992 | 2.83 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 14.02 | 166 | 539579 | 15.04 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.31 | 160 | 726779 | 16.13 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.85 | 143 | 74563 | 11.53 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.60 | 176 | 448233 | 14.31 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 30231 | 6.28 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.45 | 188 | 600852 | 15.62 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.73 | 212 | 575920 | 15.13 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 24.57 | 264 | 527319 | 16.14 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.21 | 94 | 21579 | 1.20 | ng/ul# | 87 |
| 28) Naphthalene | 10.86 | 128 | 87061 | 1.83 | ng/ul | 97 |
| 44) Dimethylphthalate | 14.06 | 163 | 217385 | 6.19 | ng/ul | 97 |
| 49) Acenaphthene | 14.68 | 153 | 37521 | 1.17 | ng/ul | 88 |
| 53) Dibenzofuran | 15.02 | 168 | 81473 | 1.92 | ng/ul | 90 |
| 58) Fluorene | 15.66 | 166 | 90134 | 2.60 | ng/ul | 98 |
| 69) Phenanthrene | 17.40 | 178 | 1277518 | 28.61 | ng/ul | 98 |
| 71) Anthracene | 17.49 | 178 | 98288 | 2.15 | ng/ul | 98 |
| 72) Carbazole | 17.75 | 167 | 88737 | 2.29 | ng/ul | 95 |
| 74) Fluoranthene | 19.40 | 202 | 1187072 | 28.64 | ng/ul# | 79 |
| 77) Pyrene | 19.76 | 202 | 1153904 | 23.84 | ng/ul# | 74 |
| 80) Benzo(a)anthracene | 21.58 | 228 | 435060 | 10.31 | ng/ul | 95 |
| 82) Chrysene | 21.65 | 228 | 552231 | 14.09 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 23.78 | 252 | 431401m | 10.92 | ng/ul | |
| 86) Benzo(k)fluoranthene | 23.83 | 252 | 287419m | 7.41 | ng/ul | |
| 88) Benzo(a)pyrene | 24.64 | 252 | 387794 | 9.98 | ng/ul# | 76 |
| 89) Indeno(1,2,3-cd)pyrene | 28.42 | 276 | 169917 | 3.69 | ng/ul# | 63 |
| 90) Dibenzo(a,h)anthracene | 28.45 | 278 | 46653 | 1.19 | ng/ul# | 25 |
| 91) Benzo(g,h,i)perylene | 29.56 | 276 | 116655 | 3.05 | ng/ul# | 51 |

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026941.D
Acq On : 10 May 2017 16:56
Operator : SJ/MA
Sample : I2884-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 10 17:54:29 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 17:27:44 2017
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
YAB34

**Manual Integrations APPROVED**
mohammad
5/11/2017 4:53:22 PM