Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020787.D
Acq On : 4 Feb 2016 15:12
Operator : SJ/IZ
Sample : H1334-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BBG02

**Manual Integrations APPROVED**
mohammad
2/5/2016 3:38:57 PM

Quant Time: Feb 05 04:48:16 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 04:10:17 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.28 | 152 | 22055 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.10 | 136 | 106375 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.89 | 164 | 60073 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.62 | 188 | 115425 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.90 | 240 | 102352 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.29 | 264 | 96292 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.62 | 96 | 1147 | 2.49 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.41 | 99 | 29591 | 13.11 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.59 | 67 | 16764 | 14.25 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.80 | 132 | 23996 | 14.16 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.97 | 113 | 24762 | 12.72 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.44 | 128 | 10992 | 16.93 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.17 | 143 | 9186 | 16.14 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.71 | 165 | 22669 | 14.59 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.23 | 131 | 30683 | 14.05 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.28 | 166 | 74454 | 14.51 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.58 | 160 | 98053 | 15.68 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.05 | 143 | 10200 | 11.24 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.87 | 176 | 67023 | 14.94 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 4199 | 11.02 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.72 | 188 | 94998 | 16.74 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.98 | 212 | 92802 | 16.71 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 25.05 | 264 | 87331 | 16.92 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 14.32 | 163 | 24312 | 4.54 | ng/ul# | 97 |
| 70) Phenanthrene | 17.66 | 178 | 48391 | 6.68 | ng/ul | 99 |
| 72) Anthracene | 17.76 | 178 | 7828 | 1.08 | ng/ul | 97 |
| 77) Fluoranthene | 19.65 | 202 | 89721 | 12.05 | ng/ul# | 82 |
| 80) Pyrene | 20.01 | 202 | 72531 | 9.37 | ng/ul# | 73 |
| 83) Benzo(a)anthracene | 21.88 | 228 | 26030 | 3.95 | ng/ul | 96 |
| 84) Bis(2-ethylhexyl)phthalate | 21.77 | 149 | 8871 | 1.89 | ng/ul# | 93 |
| 85) Chrysene | 21.95 | 228 | 29121 | 4.76 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 24.21 | 252 | 35354 | 5.60 | ng/ul# | 88 |
| 89) Benzo(k)fluoranthene | 24.26 | 252 | 12932m | 2.09 | ng/ul | |
| 91) Benzo(a)pyrene | 25.12 | 252 | 22821 | 3.78 | ng/ul# | 87 |
| 92) Indeno(1,2,3-cd)pyrene | 29.15 | 276 | 17299 | 2.45 | ng/ul# | 82 |
| 94) Benzo(g,h,i)perylene | 30.37 | 276 | 17843 | 3.08 | ng/ul# | 83 |

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020787.D
Acq On : 4 Feb 2016 15:12
Operator : SJ/IZ
Sample : H1334-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 05 04:48:16 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 04:10:17 2016
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
BBG02

**Manual Integrations APPROVED**
mohammad
2/5/2016 3:38:57 PM