Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121415\
Data File : BG020148.D
Acq On : 14 Dec 2015 3:58
Operator : UM/SJ
Sample : SSTD16031
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 14 08:07:28 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 14 07:08:16 2015
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** SSTD16031

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.10 | 152 | 21359 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.92 | 136 | 99255 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.73 | 164 | 70086 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.48 | 188 | 165810 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.75 | 240 | 184362 | 20.00 | ng/ul | 0.01 |
| 86) Perylene-d12 | 25.02 | 264 | 175201 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 5) Phenol-d5 | 7.26 | 99 | 321764 | 150.13 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.43 | 67 | 181784 | 131.88 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0d | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 8.82 | 113 | 268716 | 149.91 | ng/ul | 0.03 |
| 19) Nitrobenzene-d5 | 0.00 | 128 | 0d | 0.00 | ng/ul | |
| 22) 2-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 26) 2,4-Dichlorophenol-d3 | 0.00 | 165 | 0d | 0.00 | ng/ul | |
| 29) 4-Chloroaniline-d4 | 11.05 | 131 | 266838 | 140.44 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 0.00 | 166 | 0d | 0.00 | ng/ul | |
| 47) Acenaphthylene-d8 | 0.00 | 160 | 0d | 0.00 | ng/ul | |
| 52) 4-Nitrophenol-d4 | 14.94 | 143 | 161715 | 158.73 | ng/ul | 0.03 |
| 58) Fluorene-d10 | 0.00 | 176 | 0d | 0.00 | ng/ul | |
| 63) 4,6-Dinitro-2-methylphenol | 15.85 | 200 | 178683 | 170.06 | ng/ul | 0.03 |
| 71) Anthracene-d10 | 0.00 | 188 | 0d | 0.00 | ng/ul | |
| 79) Pyrene-d10 | 0.00 | 212 | 0d | 0.00 | ng/ul | |
| 90) Benzo(a)pyrene-d12 | 0.00 | 264 | 0d | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 7.24 | 77 | 151253 | 100.89 | ng/ul | 95 |
| 6) Phenol | 7.29 | 94 | 335532 | 144.59 | ng/ul | 95 |
| 8) Bis(2-Chloroethyl)ether | 7.52 | 93 | 220190 | 137.57 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.55 | 108 | 256708 | 150.03 | ng/ul | 90 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.64 | 45 | 315371 | 202.86 | ng/ul | 99 |
| 14) Acetophenone | 8.94 | 105 | 408786 | 139.59 | ng/ul | 100 |
| 16) 4-Methylphenol | 8.89 | 108 | 281539 | 145.27 | ng/ul | 99 |
| 30) 4-Chloroaniline | 11.08 | 127 | 267361 | 135.89 | ng/ul | 99 |
| 32) Caprolactam | 11.91 | 113 | 96836m | 128.94 | ng/ul | |
| 38) Hexachlorocyclopentadiene | 12.91 | 237 | 285316 | 174.82 | ng/ul | 96 |
| 49) 3-Nitroaniline | 14.65 | 138 | 157674 | 147.36 | ng/ul | 93 |
| 51) 2,4-Dinitrophenol | 14.85 | 184 | 136367 | 170.72 | ng/ul | 99 |
| 53) 4-Nitrophenol | 14.96 | 109 | 152558 | 129.40 | ng/ul | 93 |
| 61) 4-Nitroaniline | 15.83 | 138 | 177780 | 141.07 | ng/ul | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 15.87 | 198 | 188103 | 168.64 | ng/ul | 99 |
| 68) Atrazine | 16.94 | 200 | 301420 | 145.24 | ng/ul | 99 |
| 69) Pentachlorophenol | 17.12 | 266 | 221944 | 184.39 | ng/ul | 97 |
| 75) Carbazole | 17.88 | 167 | 1132556 | 154.24 | ng/ul | 94 |
| 77) Fluoranthene | 19.52 | 202 | 1477535 | 132.03 | ng/ul | 96 |
| 82) 3,3'-Dichlorobenzidine | 21.64 | 252 | 447022 | 134.08 | ng/ul | 94 |
| 87) Di-n-octyl phthalate | 22.85 | 149 | 1444760 | 165.05 | ng/ul | 100 |

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|---|---|---|---|---|---|---|

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

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