Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024767.D
Acq On : 14 Nov 2016 13:42
Operator : UM/SJ
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 14 14:50:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 14 12:59:58 2016
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD16006

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.26 | 152 | 102550 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.09 | 136 | 438762 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.88 | 164 | 374059 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.63 | 188 | 789323 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.93 | 240 | 1028561 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.36 | 264 | 1056733 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.00 | 96 | 0d | 0.00 | ng/uL | |
| 5) Phenol-d5 | 7.41 | 99 | 1471492 | 153.79 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.58 | 67 | 893799 | 138.19 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0d | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 8.97 | 113 | 1238303 | 160.09 | ng/ul | 0.02 |
| 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 | 11.23 | 131 | 1114980 | 139.87 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 0.00 | 166 | 0d | 0.00 | ng/ul | |
| 46) Acenaphthylene-d8 | 0.00 | 160 | 0d | 0.00 | ng/ul | |
| 51) 4-Nitrophenol-d4 | 15.09 | 143 | 735575 | 158.84 | ng/ul | 0.03 |
| 57) Fluorene-d10 | 0.00 | 176 | 0d | 0.00 | ng/ul | |
| 62) 4,6-Dinitro-2-methylphenol | 16.00 | 200 | 954552 | 201.23 | ng/ul | 0.02 |
| 70) Anthracene-d10 | 0.00 | 188 | 0d | 0.00 | ng/ul | |
| 76) Pyrene-d10 | 0.00 | 212 | 0d | 0.00 | ng/ul | |
| 87) Benzo(a)pyrene-d12 | 0.00 | 264 | 0d | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 7.40 | 77 | 471571 | 70.04 | ng/ul | 92 |
| 6) Phenol | 7.44 | 94 | 1501650 | 154.64 | ng/ul | 97 |
| 8) Bis(2-Chloroethyl)ether | 7.67 | 93 | 1057901 | 147.98 | ng/ul | 92 |
| 11) 2-Methylphenol | 8.70 | 108 | 1140846 | 158.61 | ng/ul | 91 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.79 | 45 | 1715608 | 120.18 | ng/ul | 96 |
| 14) Acetophenone | 9.10 | 105 | 1787652 | 155.63 | ng/ul | 95 |
| 16) 4-Methylphenol | 9.04 | 108 | 1226558 | 160.78 | ng/ul | 98 |
| 30) 4-Chloroaniline | 11.25 | 127 | 1069565 | 132.22 | ng/ul | 99 |
| 32) Caprolactam | 12.06 | 113 | 478782m | 173.15 | ng/ul | |
| 37) Hexachlorocyclopentadiene | 13.06 | 237 | 1333553 | 164.87 | ng/ul | 98 |
| 48) 3-Nitroaniline | 14.80 | 138 | 723398 | 154.10 | ng/ul# | 91 |
| 50) 2,4-Dinitrophenol | 15.00 | 184 | 709275 | 212.80 | ng/ul | 90 |
| 52) 4-Nitrophenol | 15.11 | 109 | 873541 | 155.68 | ng/ul | 94 |
| 60) 4-Nitroaniline | 15.98 | 138 | 900501 | 166.57 | ng/ul | 94 |
| 63) 4,6-Dinitro-2-methylphenol | 16.02 | 198 | 953370 | 191.75 | ng/ul# | 97 |
| 67) Atrazine | 17.07 | 200 | 1491226 | 163.32 | ng/ul | 98 |
| 68) Pentachlorophenol | 17.27 | 266 | 1132889 | 182.73 | ng/ul | 92 |
| 72) Carbazole | 18.03 | 167 | 4325926 | 135.90 | ng/ul# | 76 |
| 74) Fluoranthene | 19.67 | 202 | 5056575 | 125.62 | ng/ul# | 80 |
| 79) 3,3'-Dichlorobenzidine | 21.82 | 252 | 2567650 | 134.04 | ng/ul# | 87 |
| 84) Di-n-octyl phthalate | 23.04 | 149 | 5610014 | 113.15 | ng/ul | 100 |

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

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