Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025431.D
Acq On : 4 Jan 2017 13:39
Operator : UM/SJ
Sample : SSTD16033
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD16033

**Manual Integrations APPROVED**
Sohil
1/13/2017 11:57:44 AM

Quant Time: Jan 12 12:47:29 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.21 | 152 | 69568 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.03 | 136 | 284251 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.84 | 164 | 222345 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.58 | 188 | 521921m | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.88 | 240 | 702998 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 25.29 | 264 | 728404 | 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 | 7.37 | 99 | 894311 | 168.34 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.53 | 67 | 564556 | 181.90 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0d | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 8.94 | 113 | 739298 | 177.68 | ng/ul | 0.01 |
| 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 | 11.18 | 131 | 645722 | 135.15 | 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 | 15.08 | 143 | 381659 | 173.68 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 0.00 | 176 | 0d | 0.00 | ng/ul | |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 560625 | 183.92 | ng/ul | 0.01 |
| 70) Anthracene-d10 | 0.00 | 188 | 0d | 0.00 | ng/ul | |
| 78) Pyrene-d10 | 0.00 | 212 | 0d | 0.00 | ng/ul | |
| 89) Benzo(a)pyrene-d12 | 0.00 | 264 | 0d | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 7.35 | 77 | 350248 | 98.12 | ng/ul# | 82 |
| 6) Phenol | 7.40 | 94 | 922751 | 166.61 | ng/ul# | 71 |
| 8) Bis(2-Chloroethyl)ether | 7.62 | 93 | 669748 | 159.29 | ng/ul# | 79 |
| 11) 2-Methylphenol | 8.66 | 108 | 685267 | 168.61 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.73 | 45 | 1166908 | 245.85 | ng/ul# | 86 |
| 14) Acetophenone | 9.05 | 105 | 1109450 | 164.40 | ng/ul# | 72 |
| 16) 4-Methylphenol | 9.00 | 108 | 739519 | 168.31 | ng/ul | 99 |
| 30) 4-Chloroaniline | 11.21 | 127 | 649023 | 134.52 | ng/ul | 99 |
| 32) Caprolactam | 12.02 | 113 | 278011m | 214.66 | ng/ul | |
| 37) Hexachlorocyclopentadiene | 13.00 | 237 | 653734 | 243.79 | ng/ul | 98 |
| 48) 3-Nitroaniline | 14.77 | 138 | 399910 | 145.25 | ng/ul# | 74 |
| 50) 2,4-Dinitrophenol | 14.98 | 184 | 367792 | 230.00 | ng/ul# | 76 |
| 52) 4-Nitrophenol | 15.09 | 109 | 497684 | 227.09 | ng/ul# | 75 |
| 60) 4-Nitroaniline | 15.95 | 138 | 423248 | 168.58 | ng/ul# | 46 |
| 63) 4,6-Dinitro-2-methylphenol | 15.99 | 198 | 577714 | 183.87 | ng/ul# | 92 |
| 67) Atrazine | 17.03 | 200 | 949755 | 163.12 | ng/ul | 94 |
| 68) Pentachlorophenol | 17.24 | 266 | 589323 | 165.69 | ng/ul | 100 |
| 74) Carbazole | 18.00 | 167 | 2979124 | 125.15 | ng/ul# | 86 |
| 76) Fluoranthene | 19.62 | 202 | 3895230 | 119.35 | ng/ul | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.76 | 252 | 1668090 | 138.88 | ng/ul# | 97 |
| 86) Di-n-octyl phthalate | 22.96 | 149 | 4245147 | 119.34 | ng/ul# | 76 |

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

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

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