Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
Data File : BG019527.D
Acq On : 7 Nov 2015 00:38
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 07 01:36:17 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 23:58:14 2015
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** SSTD02006

**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.18 | 152 | 46042 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.01 | 136 | 193914 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.81 | 164 | 163333 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.55 | 188 | 451934 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.83 | 240 | 581122 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.18 | 264 | 555613 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.48 | 96 | 8060 | 8.38 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.33 | 99 | 86350 | 20.43 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.49 | 67 | 59797 | 22.32 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.70 | 132 | 53232 | 20.18 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.88 | 113 | 68409 | 20.32 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.35 | 128 | 28695 | 20.14 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.08 | 143 | 35173 | 20.79 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.62 | 165 | 74254 | 20.23 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.13 | 131 | 85995 | 23.16 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.21 | 166 | 264605 | 19.65 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.51 | 160 | 294929 | 19.78 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.00 | 143 | 43931 | 20.54 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.80 | 176 | 242619 | 19.47 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.91 | 200 | 56217 | 19.22 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.65 | 188 | 416315 | 20.21 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.92 | 212 | 487352 | 19.16 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.95 | 264 | 553258 | 19.84 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.53 | 88 | 9401 | 8.59 | ng/uL# | 86 |
| 4) Benzaldehyde | 7.30 | 77 | 68872m | 25.05 | ng/ul | |
| 6) Phenol | 7.35 | 94 | 93627 | 20.79 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.59 | 93 | 64737 | 20.93 | ng/ul | 94 |
| 10) 2-Chlorophenol | 7.74 | 128 | 54686 | 20.14 | ng/ul | 95 |
| 11) 2-Methylphenol | 8.62 | 108 | 69131 | 20.76 | ng/ul | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.71 | 45 | 58776 | 23.71 | ng/ul# | 92 |
| 14) Acetophenone | 9.01 | 105 | 118046 | 20.89 | ng/ul | 88 |
| 15) N-Nitroso-di-n-propylamine | 8.98 | 70 | 77655 | 20.96 | ng/ul# | 86 |
| 16) 4-Methylphenol | 8.95 | 108 | 77130 | 21.21 | ng/ul | 87 |
| 17) Hexachloroethane | 9.27 | 117 | 27925 | 19.68 | ng/ul | 87 |
| 20) Nitrobenzene | 9.39 | 77 | 115399 | 20.71 | ng/ul | 96 |
| 21) Isophorone | 9.92 | 82 | 206152 | 20.42 | ng/ul | 98 |
| 23) 2-Nitrophenol | 10.11 | 139 | 37871 | 19.71 | ng/ul# | 86 |
| 24) 2,4-Dimethylphenol | 10.16 | 107 | 98127 | 19.55 | ng/ul | 97 |
| 25) Bis(2-Chloroethoxy)methane | 10.40 | 93 | 101851 | 21.32 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.65 | 162 | 72040 | 20.54 | ng/ul# | 93 |
| 28) Naphthalene | 11.06 | 128 | 191626 | 19.75 | ng/ul | 96 |
| 30) 4-Chloroaniline | 11.16 | 127 | 86610 | 22.25 | ng/ul | 97 |
| 31) Hexachlorobutadiene | 11.34 | 225 | 64571 | 18.02 | ng/ul | 89 |
| 32) Caprolactam | 11.91 | 113 | 29288m | 23.30 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 12.27 | 107 | 101040 | 21.46 | ng/ul# | 94 |
| 34) 2-Methylnaphthalene | 12.65 | 142 | 157361 | 20.18 | ng/ul | 99 |

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Response via : Initial Calibration

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.87 | 142 | 153964 | 20.87 | ng/ul | 96 |
| 37) 1,2,4,5-Tetrachlorobenzene | 13.01 | 216 | 125970 | 18.71 | ng/ul | 94 |
| 38) Hexachlorocyclopentadiene | 12.99 | 237 | 69296 | 13.87 | ng/ul# | 96 |
| 39) 2,4,6-Trichlorophenol | 13.25 | 196 | 77644 | 19.51 | ng/ul | 96 |
| 40) 2,4,5-Trichlorophenol | 13.33 | 196 | 84949 | 19.45 | ng/ul | 99 |
| 41) 1,1'-Biphenyl | 13.65 | 154 | 222374 | 19.26 | ng/ul# | 95 |
| 42) 2-Chloronaphthalene | 13.70 | 162 | 177973 | 19.76 | ng/ul | 95 |
| 43) 2-Nitroaniline | 13.89 | 65 | 80419 | 20.88 | ng/ul | 92 |
| 45) Dimethylphthalate | 14.25 | 163 | 257927 | 18.73 | ng/ul | 96 |
| 46) 2,6-Dinitrotoluene | 14.38 | 165 | 55004 | 19.73 | ng/ul | 96 |
| 48) Acenaphthylene | 14.54 | 152 | 300243 | 19.65 | ng/ul | 100 |
| 49) 3-Nitroaniline | 14.71 | 138 | 51665 | 21.53 | ng/ul | 92 |
| 50) Acenaphthene | 14.87 | 153 | 200917 | 19.47 | ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.91 | 184 | 36255 | 17.30 | ng/ul | 94 |
| 53) 4-Nitrophenol | 15.01 | 109 | 59508 | 17.84 | ng/ul# | 69 |
| 54) Dibenzofuran | 15.21 | 168 | 294822 | 19.40 | ng/ul | 94 |
| 55) 2,4-Dinitrotoluene | 15.16 | 165 | 85498 | 19.42 | ng/ul | 88 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.43 | 232 | 89704 | 19.65 | ng/ul | 97 |
| 57) Diethylphthalate | 15.61 | 149 | 260795 | 19.18 | ng/ul | 98 |
| 59) Fluorene | 15.85 | 166 | 258688 | 19.52 | ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.84 | 204 | 149629 | 19.00 | ng/ul | 96 |
| 61) 4-Nitroaniline | 15.86 | 138 | 54800 | 19.87 | ng/ul | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 15.92 | 198 | 59759 | 18.89 | ng/ul# | 91 |
| 65) N-Nitrosodiphenylamine | 16.05 | 169 | 233379 | 19.96 | ng/ul | 94 |
| 66) 4-Bromophenyl-phenylether | 16.73 | 248 | 104329 | 19.42 | ng/ul | 97 |
| 67) Hexachlorobenzene | 16.85 | 284 | 114237 | 20.04 | ng/ul | 90 |
| 68) Atrazine | 16.99 | 200 | 116717 | 20.14 | ng/ul | 96 |
| 69) Pentachlorophenol | 17.20 | 266 | 63023 | 18.73 | ng/ul | 96 |
| 70) Phenanthrene | 17.59 | 178 | 457481 | 20.06 | ng/ul | 99 |
| 72) Anthracene | 17.69 | 178 | 464776 | 19.99 | ng/ul | 97 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.61 | 216 | 126184 | 19.27 | ng/uL | 90 |
| 74) Pentachlorobenzene | 15.12 | 250 | 124970 | 18.93 | ng/uL | 99 |
| 75) Carbazole | 17.95 | 167 | 386674 | 20.84 | ng/ul | 96 |
| 76) Di-n-butylphthalate | 18.49 | 149 | 464797 | 20.21 | ng/ul | 99 |
| 77) Fluoranthene | 19.59 | 202 | 618104 | 20.93 | ng/ul# | 95 |
| 80) Pyrene | 19.95 | 202 | 632456 | 19.39 | ng/ul# | 91 |
| 81) Butylbenzylphthalate | 20.82 | 149 | 217984 | 20.57 | ng/ul | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.72 | 252 | 232813 | 20.45 | ng/ul# | 95 |
| 83) Benzo(a)anthracene | 21.81 | 228 | 676053 | 19.98 | ng/ul | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.69 | 149 | 315979 | 20.98 | ng/ul# | 98 |
| 85) Chrysene | 21.88 | 228 | 627948 | 19.78 | ng/ul | 98 |
| 87) Di-n-octyl phthalate | 22.95 | 149 | 540561 | 21.48 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 24.11 | 252 | 646589 | 19.73 | ng/ul# | 98 |
| 89) Benzo(k)fluoranthene | 24.18 | 252 | 626090 | 19.85 | ng/ul# | 96 |
| 91) Benzo(a)pyrene | 25.02 | 252 | 620907 | 19.72 | ng/ul# | 94 |
| 92) Indeno(1,2,3-cd)pyrene | 29.02 | 276 | 716122 | 20.19 | ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 29.09 | 278 | 589882 | 19.92 | ng/ul# | 97 |
| 94) Benzo(g,h,i)perylene | 30.23 | 276 | 579703 | 21.54 | ng/ul# | 90 |

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

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

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