Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101116\
Data File : BG024292.D
Acq On : 12 Oct 2016 9:04
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD02018

Quant Time: Oct 12 11:40:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 08:16:18 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.29 | 152 | 149673 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.12 | 136 | 691388 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.91 | 164 | 591929 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.74 | 188 | 1167430 | 20.00 | ng/ul | 0.09 |
| 75) Chrysene-d12 | 21.94 | 240 | 1383680 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.39 | 264 | 1441481 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.65 | 96 | 26464 | 8.40 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.42 | 99 | 289678 | 20.74 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.60 | 67 | 190422 | 20.17 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.81 | 132 | 197113 | 20.50 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.98 | 113 | 242623 | 21.49 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.46 | 128 | 107676 | 21.95 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.19 | 143 | 129341 | 23.56 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.72 | 165 | 246404 | 20.61 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.25 | 131 | 294746 | 23.46 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.30 | 166 | 834577 | 20.19 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.61 | 160 | 979349 | 20.69 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.07 | 143 | 145960 | 19.92 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.89 | 176 | 817431 | 20.92 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.99 | 200 | 165994 | 23.66 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.74 | 188 | 1166186 | 22.11 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.01 | 212 | 1326138 | 20.53 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.15 | 264 | 1337221 | 20.62 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.68 | 88 | 31264 | 9.15 | ng/uL | 94 |
| 4) Benzaldehyde | 7.42 | 77 | 219295 | 22.32 | ng/ul | 92 |
| 6) Phenol | 7.44 | 94 | 294770 | 20.80 | ng/ul# | 94 |
| 8) Bis(2-Chloroethyl)ether | 7.70 | 93 | 220727 | 21.15 | ng/ul# | 90 |
| 10) 2-Chlorophenol | 7.84 | 128 | 205064 | 21.04 | ng/ul | 87 |
| 11) 2-Methylphenol | 8.71 | 108 | 222405 | 21.19 | ng/ul | 89 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.81 | 45 | 418729 | 20.10 | ng/ul | 97 |
| 14) Acetophenone | 9.12 | 105 | 362045 | 21.60 | ng/ul | 95 |
| 15) N-Nitroso-di-n-propylamine | 9.09 | 70 | 207714 | 20.55 | ng/ul | 99 |
| 16) 4-Methylphenol | 9.04 | 108 | 235584 | 21.16 | ng/ul | 92 |
| 17) Hexachloroethane | 9.39 | 117 | 90975 | 20.18 | ng/ul | 96 |
| 20) Nitrobenzene | 9.51 | 77 | 331123 | 21.32 | ng/ul | 95 |
| 21) Isophorone | 10.03 | 82 | 591139 | 20.95 | ng/ul | 98 |
| 23) 2-Nitrophenol | 10.22 | 139 | 127081 | 21.24 | ng/ul | 96 |
| 24) 2,4-Dimethylphenol | 10.26 | 107 | 298929 | 20.28 | ng/ul | 93 |
| 25) Bis(2-Chloroethoxy)methane | 10.50 | 93 | 316506 | 20.46 | ng/ul | 95 |
| 27) 2,4-Dichlorophenol | 10.75 | 162 | 235941 | 20.59 | ng/ul | 93 |
| 28) Naphthalene | 11.17 | 128 | 685019 | 20.57 | ng/ul | 96 |
| 30) 4-Chloroaniline | 11.27 | 127 | 293866 | 23.05 | ng/ul | 89 |
| 31) Hexachlorobutadiene | 11.44 | 225 | 190155 | 20.71 | ng/ul | 94 |
| 32) Caprolactam | 12.04 | 113 | 91913 | 21.09 | ng/ul | 93 |
| 33) 4-Chloro-3-methylphenol | 12.36 | 107 | 297036 | 21.18 | ng/ul | 95 |
| 34) 2-Methylnaphthalene | 12.76 | 142 | 552014 | 20.86 | ng/ul | 97 |

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Quant Title : SVOA CALIBRATION
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.11 | 216 | 361900 | 20.73 | ng/ul | 95 |
| 37) Hexachlorocyclopentadiene | 13.08 | 237 | 244065 | 19.07 | ng/ul | 91 |
| 38) 2,4,6-Trichlorophenol | 13.34 | 196 | 232848 | 20.57 | ng/ul | 91 |
| 39) 2,4,5-Trichlorophenol | 13.41 | 196 | 259506 | 20.87 | ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.74 | 154 | 795342 | 20.75 | ng/ul | 97 |
| 41) 2-Chloronaphthalene | 13.79 | 162 | 605303 | 20.14 | ng/ul | 97 |
| 42) 2-Nitroaniline | 13.99 | 65 | 255562 | 22.34 | ng/ul | 96 |
| 44) Dimethylphthalate | 14.35 | 163 | 820396 | 20.24 | ng/ul# | 99 |
| 45) 2,6-Dinitrotoluene | 14.47 | 165 | 173255 | 22.03 | ng/ul# | 93 |
| 47) Acenaphthylene | 14.64 | 152 | 958746 | 21.04 | ng/ul | 98 |
| 48) 3-Nitroaniline | 14.81 | 138 | 165759 | 22.31 | ng/ul# | 95 |
| 49) Acenaphthene | 14.97 | 153 | 669677 | 20.56 | ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 15.00 | 184 | 121110 | 22.96 | ng/ul | 98 |
| 52) 4-Nitrophenol | 15.08 | 109 | 181147 | 20.40 | ng/ul | 87 |
| 53) Dibenzofuran | 15.30 | 168 | 984438 | 20.54 | ng/ul | 97 |
| 54) 2,4-Dinitrotoluene | 15.25 | 165 | 254015 | 21.80 | ng/ul# | 97 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.52 | 232 | 263282 | 21.56 | ng/ul | 96 |
| 56) Diethylphthalate | 15.70 | 149 | 860246 | 20.14 | ng/ul | 96 |
| 58) Fluorene | 15.95 | 166 | 810642 | 20.46 | ng/ul | 98 |
| 59) 4-Chlorophenyl-phenylether | 15.93 | 204 | 443967 | 20.19 | ng/ul | 94 |
| 60) 4-Nitroaniline | 15.96 | 138 | 174086 | 20.35 | ng/ul | 99 |
| 64) N-Nitrosodiphenylamine | 16.15 | 169 | 745209 | 22.57 | ng/ul | 98 |
| 65) 4-Bromophenyl-phenylether | 16.83 | 248 | 311098 | 23.01 | ng/ul | 95 |
| 66) Hexachlorobenzene | 16.94 | 284 | 345598 | 22.91 | ng/ul | 93 |
| 67) Atrazine | 17.08 | 200 | 313129 | 23.19 | ng/ul | 98 |
| 68) Pentachlorophenol | 17.28 | 266 | 219003 | 23.88 | ng/ul | 95 |
| 69) Phenanthrene | 17.78 | 178 | 1327793 | 22.53 | ng/ul | 97 |
| 71) Anthracene | 17.78 | 178 | 1322136 | 22.04 | ng/ul | 96 |
| 72) Carbazole | 18.04 | 167 | 1142991 | 24.28 | ng/ul | 97 |
| 73) Di-n-butylphthalate | 18.58 | 149 | 1319380 | 22.91 | ng/ul | 98 |
| 74) Fluoranthene | 19.68 | 202 | 1492544 | 25.07 | ng/ul | 98 |
| 77) Pyrene | 20.04 | 202 | 1521492 | 20.59 | ng/ul | 98 |
| 78) Butylbenzylphthalate | 20.91 | 149 | 605147 | 20.38 | ng/ul | 99 |
| 79) 3,3'-Dichlorobenzidine | 21.83 | 252 | 575480 | 22.33 | ng/ul# | 97 |
| 80) Benzo(a)anthracene | 21.92 | 228 | 1619895 | 21.10 | ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.80 | 149 | 851011 | 20.26 | ng/ul | 99 |
| 82) Chrysene | 22.00 | 228 | 1504447 | 20.58 | ng/ul | 99 |
| 84) Di-n-octyl phthalate | 23.08 | 149 | 1491917 | 22.06 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 24.28 | 252 | 1640278 | 20.49 | ng/ul | 99 |
| 86) Benzo(k)fluoranthene | 24.36 | 252 | 1527576 | 19.82 | ng/ul | 99 |
| 88) Benzo(a)pyrene | 25.23 | 252 | 1547420 | 20.30 | ng/ul | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 29.35 | 276 | 1924116 | 21.31 | ng/ul | 99 |
| 90) Dibenzo(a,h)anthracene | 29.42 | 278 | 1622615 | 21.25 | ng/ul | 94 |
| 91) Benzo(g,h,i)perylene | 30.60 | 276 | 1585635 | 20.89 | ng/ul | 95 |

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

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Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
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