Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101016\
Data File : BG024236.D
Acq On : 10 Oct 2016 11:07
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD02011

Quant Time: Oct 10 13:31:20 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.30 | 152 | 156487 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.13 | 136 | 658724 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.91 | 164 | 555178 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.75 | 188 | 1121523 | 20.00 | ng/ul | 0.09 |
| 75) Chrysene-d12 | 21.96 | 240 | 1261474 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.41 | 264 | 1320500 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.65 | 96 | 25042 | 7.60 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.42 | 99 | 286340 | 19.61 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.61 | 67 | 187102 | 18.96 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.82 | 132 | 197885 | 19.68 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.99 | 113 | 237063 | 20.08 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.47 | 128 | 100766 | 21.56 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.19 | 143 | 115354 | 22.06 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.73 | 165 | 234234 | 20.56 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.25 | 131 | 283839 | 23.72 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.31 | 166 | 800122 | 20.64 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.61 | 160 | 925467 | 20.84 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.07 | 143 | 137257 | 19.97 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.90 | 176 | 737964 | 20.14 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.09 | 200 | 263 | 0.04 | ng/ul | 0.09 |
| 70) Anthracene-d10 | 17.75 | 188 | 1121523 | 22.14 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.02 | 212 | 1236245 | 21.00 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.17 | 264 | 1198204 | 20.17 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.69 | 88 | 26721 | 7.48 | ng/uL# | 63 |
| 4) Benzaldehyde | 7.43 | 77 | 219003 | 21.31 | ng/ul# | 74 |
| 6) Phenol | 7.45 | 94 | 298061 | 20.11 | ng/ul# | 61 |
| 8) Bis(2-Chloroethyl)ether | 7.71 | 93 | 203118 | 18.62 | ng/ul# | 77 |
| 10) 2-Chlorophenol | 7.85 | 128 | 198928 | 19.52 | ng/ul# | 81 |
| 11) 2-Methylphenol | 8.72 | 108 | 214526 | 19.55 | ng/ul | 91 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.82 | 45 | 428529 | 19.67 | ng/ul# | 88 |
| 14) Acetophenone | 9.12 | 105 | 353054 | 20.14 | ng/ul# | 68 |
| 15) N-Nitroso-di-n-propylamine | 9.10 | 70 | 208356 | 19.71 | ng/ul# | 74 |
| 16) 4-Methylphenol | 9.05 | 108 | 231824 | 19.91 | ng/ul | 97 |
| 17) Hexachloroethane | 9.39 | 117 | 89635 | 19.02 | ng/ul# | 81 |
| 20) Nitrobenzene | 9.52 | 77 | 315723 | 21.34 | ng/ul# | 77 |
| 21) Isophorone | 10.04 | 82 | 568428 | 21.14 | ng/ul# | 93 |
| 23) 2-Nitrophenol | 10.22 | 139 | 121948 | 21.40 | ng/ul# | 52 |
| 24) 2,4-Dimethylphenol | 10.26 | 107 | 291668 | 20.77 | ng/ul | 94 |
| 25) Bis(2-Chloroethoxy)methane | 10.51 | 93 | 303879 | 20.62 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.76 | 162 | 234768 | 21.50 | ng/ul | 96 |
| 28) Naphthalene | 11.18 | 128 | 681993 | 21.50 | ng/ul | 97 |
| 30) 4-Chloroaniline | 11.28 | 127 | 274597 | 22.61 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 11.45 | 225 | 190195 | 21.74 | ng/ul | 97 |
| 32) Caprolactam | 12.04 | 113 | 81124 | 19.54 | ng/ul# | 12 |
| 33) 4-Chloro-3-methylphenol | 12.37 | 107 | 288756 | 21.61 | ng/ul# | 79 |
| 34) 2-Methylnaphthalene | 12.76 | 142 | 533531 | 21.16 | ng/ul | 96 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.12 | 216 | 337810 | 20.63 ng/ul | 98 |
| 37) Hexachlorocyclopentadiene | 13.09 | 237 | 228108 | 19.00 ng/ul | 95 |
| 38) 2,4,6-Trichlorophenol | 13.35 | 196 | 217390 | 20.48 ng/ul | 95 |
| 39) 2,4,5-Trichlorophenol | 13.41 | 196 | 235534 | 20.19 ng/ul | 93 |
| 40) 1,1'-Biphenyl | 13.75 | 154 | 731339 | 20.34 ng/ul | 96 |
| 41) 2-Chloronaphthalene | 13.80 | 162 | 576746 | 20.46 ng/ul | 95 |
| 42) 2-Nitroaniline | 14.00 | 65 | 231512 | 21.58 ng/ul# | 58 |
| 44) Dimethylphthalate | 14.35 | 163 | 759260 | 19.98 ng/ul | 97 |
| 45) 2,6-Dinitrotoluene | 14.48 | 165 | 159755 | 21.66 ng/ul# | 70 |
| 47) Acenaphthylene | 14.64 | 152 | 898074 | 21.02 ng/ul | 98 |
| 48) 3-Nitroaniline | 14.81 | 138 | 151981 | 21.81 ng/ul# | 54 |
| 49) Acenaphthene | 14.98 | 153 | 624653 | 20.45 ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 15.01 | 184 | 97125 | 19.63 ng/ul# | 67 |
| 52) 4-Nitrophenol | 15.09 | 109 | 169083 | 20.30 ng/ul# | 60 |
| 54) 2,4-Dinitrotoluene | 15.26 | 165 | 226612 | 20.74 ng/ul# | 56 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.52 | 232 | 233206 | 20.37 ng/ul | 93 |
| 56) Diethylphthalate | 15.71 | 149 | 814342 | 20.32 ng/ul | 96 |
| 58) Fluorene | 15.95 | 166 | 760385 | 20.46 ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.94 | 204 | 411896 | 19.97 ng/ul | 95 |
| 60) 4-Nitroaniline | 15.97 | 138 | 164138 | 20.46 ng/ul# | 43 |
| 64) N-Nitrosodiphenylamine | 16.15 | 169 | 695942 | 21.94 ng/ul | 96 |
| 65) 4-Bromophenyl-phenylether | 16.83 | 248 | 280015 | 21.56 ng/ul | 94 |
| 66) Hexachlorobenzene | 16.94 | 284 | 320784 | 22.13 ng/ul | 98 |
| 67) Atrazine | 17.09 | 200 | 299465 | 23.08 ng/ul# | 94 |
| 68) Pentachlorophenol | 17.29 | 266 | 195349 | 22.18 ng/ul | 88 |
| 69) Phenanthrene | 17.79 | 178 | 1296200 | 22.89 ng/ul | 100 |
| 71) Anthracene | 17.79 | 178 | 1296200 | 22.49 ng/ul | 99 |
| 72) Carbazole | 18.05 | 167 | 1086103 | 24.01 ng/ul | 98 |
| 73) Di-n-butylphthalate | 18.58 | 149 | 1282903 | 23.19 ng/ul# | 97 |
| 77) Pyrene | 20.05 | 202 | 1463636 | 21.72 ng/ul# | 86 |
| 78) Butylbenzylphthalate | 20.92 | 149 | 562348 | 20.77 ng/ul# | 83 |
| 79) 3,3'-Dichlorobenzidine | 21.84 | 252 | 516957 | 22.00 ng/ul# | 94 |
| 80) Benzo(a)anthracene | 21.93 | 228 | 1489612 | 21.28 ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.81 | 149 | 803148 | 20.98 ng/ul# | 99 |
| 82) Chrysene | 22.00 | 228 | 1410399 | 21.17 ng/ul | 98 |
| 84) Di-n-octyl phthalate | 23.10 | 149 | 1364488 | 22.02 ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 24.30 | 252 | 1465640 | 19.99 ng/ul# | 92 |
| 86) Benzo(k)fluoranthene | 24.38 | 252 | 1436406 | 20.34 ng/ul# | 91 |
| 88) Benzo(a)pyrene | 25.24 | 252 | 1422811 | 20.38 ng/ul# | 92 |
| 89) Indeno(1,2,3-cd)pyrene | 29.38 | 276 | 1729810 | 20.91 ng/ul# | 79 |
| 90) Dibenzo(a,h)anthracene | 29.45 | 278 | 1453376 | 20.78 ng/ul# | 84 |
| 91) Benzo(g,h,i)perylene | 30.63 | 276 | 1420617 | 20.43 ng/ul# | 78 |

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

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