Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023450.D
Acq On : 4 Aug 2016 13:48
Operator : UM/SJ
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTD01002

Quant Time: Aug 04 15:24:28 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 15:23:03 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.12 | 152 | 90221 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.95 | 136 | 429589 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.78 | 164 | 319165 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.54 | 188 | 898029 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.86 | 240 | 915638 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.24 | 264 | 899590 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.49 | 96 | 8634 | 4.33 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.28 | 99 | 87485 | 9.41 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.43 | 67 | 59853 | 9.71 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.65 | 132 | 60583 | 9.70 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.83 | 113 | 65219 | 9.01 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.29 | 128 | 32972 | 9.60 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.02 | 143 | 35420 | 8.82 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.57 | 165 | 71486 | 9.47 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.09 | 131 | 78638 | 10.07 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.18 | 166 | 274712 | 10.35 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.48 | 160 | 309281 | 10.25 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.99 | 143 | 37961 | 8.11 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.78 | 176 | 258325 | 10.77 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.89 | 200 | 49584 | 8.02 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.64 | 188 | 420104 | 9.99 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.93 | 212 | 495388 | 10.48 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.00 | 264 | 401893 | 9.52 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.52 | 88 | 9317 | 4.36 | ng/uL# | 69 |
| 4) Benzaldehyde | 7.25 | 77 | 57730 | 9.99 | ng/ul# | 80 |
| 6) Phenol | 7.30 | 94 | 95448 | 9.86 | ng/ul# | 75 |
| 8) Bis(2-Chloroethyl)ether | 7.53 | 93 | 70145 | 9.64 | ng/ul# | 78 |
| 10) 2-Chlorophenol | 7.68 | 128 | 62272 | 9.70 | ng/ul# | 86 |
| 11) 2-Methylphenol | 8.56 | 108 | 68506 | 9.58 | ng/ul | 93 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.65 | 45 | 96818 | 9.83 | ng/ul | 97 |
| 14) Acetophenone | 8.94 | 105 | 111964 | 8.89 | ng/ul# | 71 |
| 15) N-Nitroso-di-n-propylamine | 8.92 | 70 | 67005 | 8.06 | ng/ul# | 90 |
| 16) 4-Methylphenol | 8.90 | 108 | 77611 | 9.75 | ng/ul | 99 |
| 17) Hexachloroethane | 9.21 | 117 | 28535 | 9.39 | ng/ul | 91 |
| 20) Nitrobenzene | 9.34 | 77 | 98757 | 8.90 | ng/ul# | 81 |
| 21) Isophorone | 9.85 | 82 | 172804 | 8.17 | ng/ul# | 94 |
| 23) 2-Nitrophenol | 10.05 | 139 | 41125 | 9.61 | ng/ul# | 79 |
| 24) 2,4-Dimethylphenol | 10.11 | 107 | 92056 | 9.36 | ng/ul# | 89 |
| 25) Bis(2-Chloroethoxy)methane | 10.34 | 93 | 104166 | 8.90 | ng/ul | 96 |
| 27) 2,4-Dichlorophenol | 10.60 | 162 | 72107 | 9.66 | ng/ul | 95 |
| 28) Naphthalene | 11.00 | 128 | 220152 | 10.19 | ng/ul | 96 |
| 30) 4-Chloroaniline | 11.11 | 127 | 83477 | 10.34 | ng/ul | 92 |
| 31) Hexachlorobutadiene | 11.28 | 225 | 50237 | 8.37 | ng/ul | 96 |
| 32) Caprolactam | 11.86 | 113 | 26103 | 8.43 | ng/ul# | 52 |
| 33) 4-Chloro-3-methylphenol | 12.23 | 107 | 91094 | 9.29 | ng/ul# | 77 |
| 34) 2-Methylnaphthalene | 12.60 | 142 | 178343 | 9.98 | ng/ul | 97 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216 | 97690 | 9.17 | ng/ul | 97 |
| 37) Hexachlorocyclopentadiene | 12.94 | 237 | 44572 | 6.43 | ng/ul | 97 |
| 38) 2,4,6-Trichlorophenol | 13.21 | 196 | 66574 | 9.03 | ng/ul | 95 |
| 39) 2,4,5-Trichlorophenol | 13.30 | 196 | 74691 | 9.93 | ng/ul | 93 |
| 40) 1,1'-Biphenyl | 13.61 | 154 | 250879 | 10.48 | ng/ul | 95 |
| 41) 2-Chloronaphthalene | 13.66 | 162 | 184236 | 9.55 | ng/ul | 96 |
| 42) 2-Nitroaniline | 13.87 | 65 | 71877 | 8.37 | ng/ul# | 68 |
| 44) Dimethylphthalate | 14.23 | 163 | 278781 | 10.37 | ng/ul | 98 |
| 45) 2,6-Dinitrotoluene | 14.35 | 165 | 53785 | 9.22 | ng/ul# | 83 |
| 47) Acenaphthylene | 14.50 | 152 | 328046 | 10.74 | ng/ul | 98 |
| 48) 3-Nitroaniline | 14.69 | 138 | 51566 | 10.35 | ng/ul# | 61 |
| 49) Acenaphthene | 14.85 | 153 | 216711 | 10.50 | ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 14.90 | 184 | 24995 | 6.83 | ng/ul# | 64 |
| 52) 4-Nitrophenol | 15.01 | 109 | 42896 | 7.69 | ng/ul# | 70 |
| 53) Dibenzofuran | 15.23 | 168 | 459 | 0.02 | ng/ul | 96 |
| 54) 2,4-Dinitrotoluene | 15.14 | 165 | 86612 | 9.75 | ng/ul# | 63 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.41 | 232 | 73306 | 9.65 | ng/ul# | 94 |
| 56) Diethylphthalate | 15.59 | 149 | 292426 | 10.23 | ng/ul | 97 |
| 58) Fluorene | 15.83 | 166 | 283277 | 11.28 | ng/ul | 94 |
| 59) 4-Chlorophenyl-phenylether | 15.82 | 204 | 133489 | 9.70 | ng/ul | 95 |
| 60) 4-Nitroaniline | 15.86 | 138 | 64022 | 10.45 | ng/ul# | 57 |
| 63) 4,6-Dinitro-2-methylphenol | 15.91 | 198 | 50748 | 7.77 | ng/ul# | 73 |
| 64) N-Nitrosodiphenylamine | 16.03 | 169 | 250602 | 9.66 | ng/ul | 97 |
| 65) 4-Bromophenyl-phenylether | 16.72 | 248 | 101985 | 9.87 | ng/ul | 96 |
| 66) Hexachlorobenzene | 16.85 | 284 | 107569 | 10.17 | ng/ul# | 88 |
| 67) Atrazine | 16.99 | 200 | 100555 | 9.09 | ng/ul | 96 |
| 68) Pentachlorophenol | 17.20 | 266 | 45294 | 6.90 | ng/ul | 92 |
| 69) Phenanthrene | 17.59 | 178 | 498494 | 10.78 | ng/ul | 98 |
| 71) Anthracene | 17.68 | 178 | 506719 | 10.45 | ng/ul | 99 |
| 72) Carbazole | 17.96 | 167 | 443882 | 11.64 | ng/ul | 97 |
| 73) Di-n-butylphthalate | 18.49 | 149 | 520832 | 9.85 | ng/ul# | 97 |
| 74) Fluoranthene | 19.60 | 202 | 603555 | 12.42 | ng/ul# | 89 |
| 77) Pyrene | 19.96 | 202 | 628941 | 11.30 | ng/ul# | 92 |
| 78) Butylbenzylphthalate | 20.83 | 149 | 216405 | 8.95 | ng/ul# | 84 |
| 79) 3,3'-Dichlorobenzidine | 21.75 | 252 | 153454 | 8.40 | ng/ul# | 94 |
| 80) Benzo(a)anthracene | 21.83 | 228 | 551629 | 10.15 | ng/ul | 96 |
| 81) Bis(2-ethylhexyl)phthalate | 21.72 | 149 | 288357 | 8.73 | ng/ul | 99 |
| 82) Chrysene | 21.90 | 228 | 498372 | 10.10 | ng/ul | 98 |
| 84) Di-n-octyl phthalate | 22.98 | 149 | 498407 | 10.00 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 24.15 | 252 | 522536 | 9.55 | ng/ul# | 91 |
| 86) Benzo(k)fluoranthene | 24.22 | 252 | 525665 | 10.14 | ng/ul# | 92 |
| 88) Benzo(a)pyrene | 25.07 | 252 | 500370 | 9.59 | ng/ul# | 93 |
| 89) Indeno(1,2,3-cd)pyrene | 29.09 | 276 | 568884 | 9.68 | ng/ul# | 89 |
| 90) Dibenzo(a,h)anthracene | 29.16 | 278 | 292144 | 6.04 | ng/ul# | 89 |
| 91) Benzo(g,h,i)perylene | 30.31 | 276 | 469507 | 9.67 | ng/ul# | 82 |

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

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Misc :
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**Instrument :**
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