Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006906.D
Acq On : 05 Aug 2016 18:51
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02058

**Manual Integrations APPROVED**
sohil
8/8/2016 7:01:46 PM

Quant Time: Aug 06 01:21:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.56 | 152 | 126665 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.33 | 136 | 529610 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.22 | 164 | 321153 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.97 | 188 | 751422 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.18 | 240 | 832525 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.37 | 264 | 777056 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.10 | 96 | 21312 | 9.25 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 196711 | 21.10 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.91 | 67 | 137626 | 22.09 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.10 | 132 | 162104 | 22.00 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.30 | 113 | 155988 | 20.57 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.72 | 128 | 80327 | 22.18 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.44 | 143 | 87038 | 20.19 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.99 | 165 | 165057 | 18.52 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.50 | 131 | 203586 | 22.11 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.64 | 166 | 534407 | 20.20 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.90 | 160 | 646355 | 20.01 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.53 | 143 | 107066m | 18.46 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.22 | 176 | 463845 | 18.89 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 79136 | 16.14 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.07 | 188 | 716205 | 19.85 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.38 | 212 | 798588 | 18.75 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.23 | 264 | 743402 | 19.65 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.13 | 88 | 21785 | 8.50 | ng/uL# | 83 |
| 4) Benzaldehyde | 6.73 | 77 | 150222m | 23.97 | ng/ul | |
| 6) Phenol | 6.81 | 94 | 199797 | 20.23 | ng/ul | 89 |
| 8) Bis(2-Chloroethyl)ether | 7.00 | 93 | 161659 | 22.92 | ng/ul | 96 |
| 10) 2-Chlorophenol | 7.14 | 128 | 163216 | 21.99 | ng/ul | 95 |
| 11) 2-Methylphenol | 8.04 | 108 | 163751 | 21.41 | ng/ul | 95 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.09 | 45 | 317427 | 20.38 | ng/ul | 98 |
| 14) Acetophenone | 8.39 | 105 | 278733 | 20.70 | ng/ul# | 86 |
| 15) N-Nitroso-di-n-propylamine | 8.37 | 70 | 149213 | 22.39 | ng/ul | 90 |
| 16) 4-Methylphenol | 8.37 | 108 | 167150 | 20.06 | ng/ul | 92 |
| 17) Hexachloroethane | 8.61 | 117 | 81233 | 21.00 | ng/ul | 83 |
| 20) Nitrobenzene | 8.76 | 77 | 239600 | 20.98 | ng/ul# | 93 |
| 21) Isophorone | 9.28 | 82 | 393772 | 21.82 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.47 | 139 | 95259 | 21.14 | ng/ul | 94 |
| 24) 2,4-Dimethylphenol | 9.55 | 107 | 220894 | 19.81 | ng/ul | 94 |
| 25) Bis(2-Chloroethoxy)methane | 9.76 | 93 | 216036 | 22.07 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.02 | 162 | 169509 | 19.99 | ng/ul | 89 |
| 28) Naphthalene | 10.38 | 128 | 538093 | 20.45 | ng/ul | 98 |
| 30) 4-Chloroaniline | 10.53 | 127 | 196081 | 21.10 | ng/ul | 97 |
| 31) Hexachlorobutadiene | 10.65 | 225 | 137765 | 17.26 | ng/ul | 96 |
| 32) Caprolactam | 11.32 | 113 | 46854m | 19.56 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.69 | 107 | 185918 | 19.74 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.01 | 142 | 408854 | 19.28 | ng/ul | 99 |

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Sample : SSTDCCC020
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**ClientSampleId :**
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Quant Time: Aug 06 01:21:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.38 | 216 | 239989 | 18.96 | ng/ul | 95 |
| 37) Hexachlorocyclopentadiene | 12.34 | 237 | 93383 | 13.29 | ng/ul# | 98 |
| 38) 2,4,6-Trichlorophenol | 12.65 | 196 | 146357 | 18.90 | ng/ul | 96 |
| 39) 2,4,5-Trichlorophenol | 12.74 | 196 | 148326m | 19.91 | ng/ul | |
| 40) 1,1'-Biphenyl | 13.04 | 154 | 543698 | 20.75 | ng/ul | 97 |
| 41) 2-Chloronaphthalene | 13.08 | 162 | 421702 | 20.52 | ng/ul | 97 |
| 42) 2-Nitroaniline | 13.33 | 65 | 153697 | 20.43 | ng/ul# | 87 |
| 44) Dimethylphthalate | 13.69 | 163 | 520338 | 19.79 | ng/ul | 98 |
| 45) 2,6-Dinitrotoluene | 13.82 | 165 | 102853 | 20.13 | ng/ul | 97 |
| 47) Acenaphthylene | 13.93 | 152 | 679243 | 20.75 | ng/ul | 97 |
| 48) 3-Nitroaniline | 14.17 | 138 | 98048 | 22.67 | ng/ul | 88 |
| 49) Acenaphthene | 14.28 | 153 | 440680 | 20.60 | ng/ul | 96 |
| 50) 2,4-Dinitrophenol | 14.40 | 184 | 43960m | 13.92 | ng/ul | |
| 52) 4-Nitrophenol | 14.53 | 109 | 110347 | 14.13 | ng/ul | 93 |
| 53) Dibenzofuran | 14.62 | 168 | 642459 | 19.38 | ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 14.62 | 165 | 157764 | 19.44 | ng/ul | 92 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.87 | 232 | 137266 | 17.28 | ng/ul# | 93 |
| 56) Diethylphthalate | 15.05 | 149 | 539932 | 19.75 | ng/ul | 97 |
| 58) Fluorene | 15.27 | 166 | 534687 | 19.18 | ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 15.27 | 204 | 280148 | 17.90 | ng/ul | 95 |
| 60) 4-Nitroaniline | 15.34 | 138 | 96105 | 21.30 | ng/ul# | 70 |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 198 | 83571 | 16.48 | ng/ul# | 86 |
| 64) N-Nitrosodiphenylamine | 15.49 | 169 | 445550 | 20.71 | ng/ul | 95 |
| 65) 4-Bromophenyl-phenylether | 16.16 | 248 | 179227 | 19.44 | ng/ul | 94 |
| 66) Hexachlorobenzene | 16.27 | 284 | 194965 | 19.48 | ng/ul | 94 |
| 67) Atrazine | 16.45 | 200 | 170393 | 18.51 | ng/ul | 97 |
| 68) Pentachlorophenol | 16.64 | 266 | 82005 | 14.83 | ng/ul | 92 |
| 69) Phenanthrene | 17.02 | 178 | 831062 | 20.05 | ng/ul | 99 |
| 71) Anthracene | 17.10 | 178 | 857185 | 20.03 | ng/ul | 97 |
| 72) Carbazole | 17.40 | 167 | 717282 | 19.68 | ng/ul | 97 |
| 73) Di-n-butylphthalate | 17.94 | 149 | 863101 | 21.85 | ng/ul | 98 |
| 74) Fluoranthene | 19.04 | 202 | 987124 | 18.59 | ng/ul# | 94 |
| 77) Pyrene | 19.41 | 202 | 1049970 | 19.18 | ng/ul# | 93 |
| 78) Butylbenzylphthalate | 20.31 | 149 | 379155 | 20.11 | ng/ul | 94 |
| 79) 3,3'-Dichlorobenzidine | 21.11 | 252 | 300960 | 19.71 | ng/ul | 96 |
| 80) Benzo(a)anthracene | 21.17 | 228 | 1005669 | 19.83 | ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.09 | 149 | 538686 | 20.83 | ng/ul# | 98 |
| 82) Chrysene | 21.22 | 228 | 895504 | 20.09 | ng/ul | 100 |
| 84) Di-n-octyl phthalate | 21.95 | 149 | 927417 | 19.43 | ng/ul# | 89 |
| 85) Benzo(b)fluoranthene | 22.71 | 252 | 992344 | 20.26 | ng/ul# | 99 |
| 86) Benzo(k)fluoranthene | 22.76 | 252 | 933930 | 19.54 | ng/ul# | 98 |
| 88) Benzo(a)pyrene | 23.27 | 252 | 929873 | 19.99 | ng/ul# | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 25.55 | 276 | 1101202 | 19.91 | ng/ul# | 95 |
| 90) Dibenzo(a,h)anthracene | 25.56 | 278 | 922956 | 19.36 | ng/ul# | 96 |
| 91) Benzo(g,h,i)perylene | 26.22 | 276 | 885653 | 19.79 | ng/ul# | 95 |

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

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