Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
Data File : BM006412.D
Acq On : 14 Jul 2016 14:13
Operator : UM/SJ
Sample : SSTD01056
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD01056

Quant Time: Jul 14 16:25:34 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 14 16:09:17 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 83507 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.40 | 136 | 339715 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.27 | 164 | 204801 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.02 | 188 | 496159 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.23 | 240 | 633791 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.43 | 264 | 706124 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.14 | 96 | 8106 | 4.15 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.80 | 99 | 68613 | 8.78 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.96 | 67 | 43382 | 9.40 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.16 | 132 | 55960 | 9.35 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.33 | 113 | 53933 | 8.52 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.77 | 128 | 25714 | 9.50 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.49 | 143 | 28951 | 9.44 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.03 | 165 | 55740 | 10.03 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.55 | 131 | 60720 | 10.51 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.69 | 166 | 170806 | 9.99 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.96 | 160 | 212016 | 10.02 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.49 | 143 | 27992 | 8.64 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.27 | 176 | 156513 | 10.62 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 26057 | 8.96 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.12 | 188 | 247468 | 10.45 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.43 | 212 | 294989 | 9.76 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.29 | 264 | 343267 | 10.46 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.18 | 88 | 8645 | 4.04 | ng/uL# | 1 |
| 4) Benzaldehyde | 6.77 | 77 | 47804 | 10.57 | ng/ul | 95 |
| 6) Phenol | 6.83 | 94 | 72615 | 8.94 | ng/ul | 94 |
| 8) Bis(2-Chloroethyl)ether | 7.05 | 93 | 54584 | 9.09 | ng/ul | 95 |
| 10) 2-Chlorophenol | 7.19 | 128 | 56999 | 9.20 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.07 | 108 | 52758 | 8.48 | ng/ul | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.16 | 45 | 89099 | 9.94 | ng/ul | 98 |
| 14) Acetophenone | 8.44 | 105 | 89604 | 9.29 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.42 | 70 | 45165 | 8.20 | ng/ul | 93 |
| 16) 4-Methylphenol | 8.39 | 108 | 59182 | 8.76 | ng/ul | 96 |
| 17) Hexachloroethane | 8.69 | 117 | 24509 | 9.66 | ng/ul | 93 |
| 20) Nitrobenzene | 8.82 | 77 | 70267 | 9.98 | ng/ul | 98 |
| 21) Isophorone | 9.33 | 82 | 123804 | 9.23 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.52 | 139 | 32217 | 9.75 | ng/ul | 93 |
| 24) 2,4-Dimethylphenol | 9.59 | 107 | 69345 | 9.93 | ng/ul | 94 |
| 25) Bis(2-Chloroethoxy)methane | 9.82 | 93 | 74469 | 9.29 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.06 | 162 | 55956 | 10.17 | ng/ul | 98 |
| 28) Naphthalene | 10.45 | 128 | 176426 | 10.09 | ng/ul | 98 |
| 30) 4-Chloroaniline | 10.57 | 127 | 63554 | 10.59 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.73 | 225 | 38663 | 11.24 | ng/ul | 97 |
| 32) Caprolactam | 11.32 | 113 | 16197 | 7.43 | ng/ul | 95 |
| 33) 4-Chloro-3-methylphenol | 11.70 | 107 | 62106 | 9.25 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 12.07 | 142 | 135508 | 10.22 | ng/ul | 100 |

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Sample : SSTD01056
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD01056

Quant Time: Jul 14 16:25:34 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 14 16:09:17 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.45 | 216 | 73588 | 10.81 ng/ul | 98 |
| 37) Hexachlorocyclopentadiene | 12.42 | 237 | 31858 | 8.23 ng/ul | 98 |
| 38) 2,4,6-Trichlorophenol | 12.69 | 196 | 47133 | 9.79 ng/ul | 99 |
| 39) 2,4,5-Trichlorophenol | 12.77 | 196 | 45510 | 9.06 ng/ul | 98 |
| 40) 1,1'-Biphenyl | 13.10 | 154 | 174829 | 10.35 ng/ul | 98 |
| 41) 2-Chloronaphthalene | 13.14 | 162 | 135086 | 10.26 ng/ul | 99 |
| 42) 2-Nitroaniline | 13.35 | 65 | 43422 | 8.65 ng/ul | 97 |
| 44) Dimethylphthalate | 13.73 | 163 | 175873 | 10.24 ng/ul | 100 |
| 45) 2,6-Dinitrotoluene | 13.86 | 165 | 31752 | 8.53 ng/ul | 89 |
| 47) Acenaphthylene | 13.99 | 152 | 221645 | 9.98 ng/ul | 98 |
| 48) 3-Nitroaniline | 14.19 | 138 | 31869 | 9.37 ng/ul | 98 |
| 49) Acenaphthene | 14.33 | 153 | 145416 | 10.31 ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 14.40 | 184 | 14129 | 6.82 ng/ul | 94 |
| 52) 4-Nitrophenol | 14.50 | 109 | 31545 | 9.69 ng/ul | 96 |
| 53) Dibenzofuran | 14.67 | 168 | 209020 | 10.38 ng/ul | 97 |
| 54) 2,4-Dinitrotoluene | 14.65 | 165 | 50170 | 9.54 ng/ul | 95 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.90 | 232 | 42860 | 9.46 ng/ul | 96 |
| 56) Diethylphthalate | 15.10 | 149 | 181288 | 10.11 ng/ul | 99 |
| 58) Fluorene | 15.33 | 166 | 170423 | 10.55 ng/ul | 98 |
| 59) 4-Chlorophenyl-phenylether | 15.32 | 204 | 87410 | 11.03 ng/ul | 96 |
| 60) 4-Nitroaniline | 15.35 | 138 | 39684 | 9.89 ng/ul | 95 |
| 63) 4,6-Dinitro-2-methylphenol | 15.42 | 198 | 27731 | 8.88 ng/ul# | 97 |
| 64) N-Nitrosodiphenylamine | 15.54 | 169 | 152599 | 10.18 ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.22 | 248 | 57291 | 10.31 ng/ul | 99 |
| 66) Hexachlorobenzene | 16.33 | 284 | 64554 | 10.53 ng/ul | 97 |
| 67) Atrazine | 16.49 | 200 | 59036 | 10.66 ng/ul | 99 |
| 68) Pentachlorophenol | 16.68 | 266 | 25725 | 7.89 ng/ul | 92 |
| 69) Phenanthrene | 17.06 | 178 | 287878 | 10.40 ng/ul | 99 |
| 71) Anthracene | 17.16 | 178 | 299843 | 10.49 ng/ul | 99 |
| 72) Carbazole | 17.43 | 167 | 264396 | 11.03 ng/ul | 99 |
| 73) Di-n-butylphthalate | 18.00 | 149 | 333463 | 10.13 ng/ul | 99 |
| 74) Fluoranthene | 19.09 | 202 | 363750 | 11.81 ng/ul | 97 |
| 77) Pyrene | 19.45 | 202 | 395390 | 9.95 ng/ul | 98 |
| 78) Butylbenzylphthalate | 20.36 | 149 | 164597 | 9.06 ng/ul | 99 |
| 79) 3,3'-Dichlorobenzidine | 21.14 | 252 | 143713 | 12.26 ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.21 | 228 | 410605 | 10.56 ng/ul | 100 |
| 81) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 244847 | 10.05 ng/ul | 98 |
| 82) Chrysene | 21.26 | 228 | 392002 | 11.04 ng/ul | 100 |
| 84) Di-n-octyl phthalate | 22.02 | 149 | 459656 | 10.96 ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 22.77 | 252 | 466583 | 11.16 ng/ul | 99 |
| 86) Benzo(k)fluoranthene | 22.81 | 252 | 413805 | 10.64 ng/ul | 99 |
| 88) Benzo(a)pyrene | 23.33 | 252 | 433812 | 10.72 ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 25.63 | 276 | 509908 | 11.02 ng/ul | 97 |
| 90) Dibenzo(a,h)anthracene | 25.64 | 278 | 426009 | 11.16 ng/ul | 98 |
| 91) Benzo(g,h,i)perylene | 26.30 | 276 | 435077 | 10.90 ng/ul | 98 |

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

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Sample : SSTD01056
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD01056

Quant Time: Jul 14 16:25:34 2016
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Quant Title : SVOA CALIBRATION
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