Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071315\
Data File : BM001900.D
Acq On : 13 Jul 2015 11:24
Operator : TP/UM
Sample : SSTD02038
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02038

Quant Time: Jul 14 01:18:48 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 14 01:16:56 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 80357 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.45 | 136 | 343230 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.32 | 164 | 218094 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.06 | 188 | 506059 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.26 | 240 | 571215 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.48 | 264 | 519115 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.13 | 96 | 13345 | 7.88 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.82 | 99 | 126868 | 20.15 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.99 | 67 | 72015 | 20.48 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.19 | 132 | 102781 | 20.54 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.36 | 113 | 106152 | 20.81 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.82 | 128 | 50133 | 20.77 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.53 | 143 | 55860 | 21.05 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.07 | 165 | 112947 | 20.05 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.59 | 131 | 121570 | 21.06 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.73 | 166 | 343643 | 20.77 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.00 | 160 | 408556 | 19.20 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.52 | 143 | 58514 | 19.34 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.31 | 176 | 291456 | 19.28 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 61727 | 19.48 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.16 | 188 | 454939 | 19.23 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.46 | 212 | 506749 | 20.50 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.34 | 264 | 511378 | 21.70 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.17 | 88 | 13658 | 7.18 | ng/uL | 100 |
| 4) Benzaldehyde | 6.80 | 77 | 53620 | 14.23 | ng/ul | 100 |
| 6) Phenol | 6.85 | 94 | 131065 | 20.19 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 7.09 | 93 | 99904 | 20.52 | ng/ul | 100 |
| 10) 2-Chlorophenol | 7.22 | 128 | 104140 | 20.26 | ng/ul | 100 |
| 11) 2-Methylphenol | 8.10 | 108 | 100706 | 20.77 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.19 | 45 | 116864 | 19.86 | ng/ul | 100 |
| 14) Acetophenone | 8.48 | 105 | 168398 | 20.87 | ng/ul | 100 |
| 15) N-Nitroso-di-n-propylamine | 8.46 | 70 | 88079 | 22.08 | ng/ul | 100 |
| 16) 4-Methylphenol | 8.43 | 108 | 110570 | 20.98 | ng/ul | 100 |
| 17) Hexachloroethane | 8.72 | 117 | 41217 | 20.05 | ng/ul | 100 |
| 20) Nitrobenzene | 8.86 | 77 | 123952 | 19.27 | ng/ul | 100 |
| 21) Isophorone | 9.37 | 82 | 232258 | 21.15 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.57 | 139 | 61664 | 21.18 | ng/ul | 100 |
| 24) 2,4-Dimethylphenol | 9.63 | 107 | 128691 | 19.56 | ng/ul | 100 |
| 25) Bis(2-Chloroethoxy)methane | 9.86 | 93 | 137084 | 20.16 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.09 | 162 | 109649 | 20.10 | ng/ul | 100 |
| 28) Naphthalene | 10.49 | 128 | 334203 | 19.25 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.61 | 127 | 124684 | 21.27 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.77 | 225 | 77286 | 18.78 | ng/ul | 100 |
| 32) Caprolactam | 11.37 | 113 | 52497 | 28.45 | ng/ul | 100 |
| 33) 4-Chloro-3-methylphenol | 11.75 | 107 | 120329 | 20.63 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.12 | 142 | 252227 | 19.96 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.49 | 216 | 149401 | 18.43 | ng/ul | 100 |
| 37) Hexachlorocyclopentadiene | 12.46 | 237 | 84213 | 17.30 | ng/ul | 100 |
| 38) 2,4,6-Trichlorophenol | 12.73 | 196 | 95045 | 19.81 | ng/ul | 100 |
| 39) 2,4,5-Trichlorophenol | 12.80 | 196 | 103987 | 19.74 | ng/ul | 100 |
| 40) 1,1'-Biphenyl | 13.14 | 154 | 338752 | 18.97 | ng/ul | 100 |
| 41) 2-Chloronaphthalene | 13.18 | 162 | 264389 | 18.91 | ng/ul | 100 |
| 42) 2-Nitroaniline | 13.39 | 65 | 76103 | 20.30 | ng/ul | 100 |
| 44) Dimethylphthalate | 13.77 | 163 | 348795 | 19.54 | ng/ul | 100 |
| 45) 2,6-Dinitrotoluene | 13.90 | 165 | 72867 | 21.37 | ng/ul | 100 |
| 47) Acenaphthylene | 14.03 | 152 | 419101 | 19.26 | ng/ul | 100 |
| 48) 3-Nitroaniline | 14.23 | 138 | 62004 | 19.68 | ng/ul | 100 |
| 49) Acenaphthene | 14.38 | 153 | 278327 | 19.20 | ng/ul | 100 |
| 50) 2,4-Dinitrophenol | 14.44 | 184 | 40891 | 19.20 | ng/ul | 100 |
| 52) 4-Nitrophenol | 14.53 | 109 | 53657 | 17.54 | ng/ul | 100 |
| 53) Dibenzofuran | 14.72 | 168 | 400969 | 19.24 | ng/ul | 100 |
| 54) 2,4-Dinitrotoluene | 14.69 | 165 | 105560 | 21.08 | ng/ul | 100 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.94 | 232 | 92485 | 20.30 | ng/ul | 100 |
| 56) Diethylphthalate | 15.14 | 149 | 346513 | 20.30 | ng/ul | 100 |
| 58) Fluorene | 15.36 | 166 | 337658 | 19.46 | ng/ul | 100 |
| 59) 4-Chlorophenyl-phenylether | 15.36 | 204 | 181279 | 19.40 | ng/ul | 100 |
| 60) 4-Nitroaniline | 15.39 | 138 | 64330 | 18.31 | ng/ul | 100 |
| 63) 4,6-Dinitro-2-methylphenol | 15.46 | 198 | 65015 | 19.35 | ng/ul | 100 |
| 64) N-Nitrosodiphenylamine | 15.58 | 169 | 291626 | 19.55 | ng/ul | 100 |
| 65) 4-Bromophenyl-phenylether | 16.26 | 248 | 113074 | 19.74 | ng/ul | 100 |
| 66) Hexachlorobenzene | 16.36 | 284 | 121801 | 19.13 | ng/ul | 100 |
| 67) Atrazine | 16.53 | 200 | 118448 | 19.63 | ng/ul | 100 |
| 68) Pentachlorophenol | 16.71 | 266 | 74670 | 18.87 | ng/ul | 100 |
| 69) Phenanthrene | 17.10 | 178 | 523225 | 19.00 | ng/ul | 100 |
| 71) Anthracene | 17.19 | 178 | 543372 | 19.22 | ng/ul | 100 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.10 | 216 | 147116 | 18.52 | ng/uL | 100 |
| 73) Pentachlorobenzene | 14.63 | 250 | 143703 | 19.10 | ng/uL | 100 |
| 74) Carbazole | 17.47 | 167 | 474678 | 19.13 | ng/ul | 100 |
| 75) Di-n-butylphthalate | 18.03 | 149 | 574069 | 21.15 | ng/ul | 100 |
| 76) Fluoranthene | 19.13 | 202 | 626312 | 19.00 | ng/ul | 100 |
| 79) Pyrene | 19.49 | 202 | 661420 | 20.46 | ng/ul | 100 |
| 80) Butylbenzylphthalate | 20.39 | 149 | 257126 | 23.45 | ng/ul | 100 |
| 81) 3,3'-Dichlorobenzidine | 21.18 | 252 | 199700 | 19.48 | ng/ul | 100 |
| 82) Benzo(a)anthracene | 21.24 | 228 | 659238 | 19.62 | ng/ul | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 368177 | 22.57 | ng/ul | 100 |
| 84) Chrysene | 21.29 | 228 | 620344 | 19.48 | ng/ul | 100 |
| 86) Di-n-octyl phthalate | 22.04 | 149 | 620870 | 22.85 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.81 | 252 | 616510 | 20.21 | ng/ul | 100 |
| 88) Benzo(k)fluoranthene | 22.86 | 252 | 604683 | 20.31 | ng/ul | 100 |
| 90) Benzo(a)pyrene | 23.39 | 252 | 579190 | 19.60 | ng/ul | 100 |
| 91) Indeno(1,2,3-cd)pyrene | 25.73 | 276 | 583944 | 17.19 | ng/ul | 100 |
| 92) Dibenzo(a,h)anthracene | 25.74 | 278 | 494581 | 17.26 | ng/ul | 100 |
| 93) Benzo(g,h,i)perylene | 26.41 | 276 | 476731 | 16.79 | ng/ul | 100 |

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

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