Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM022216\
Data File : BM004315.D
Acq On : 22 Feb 2016 17:27
Operator : SJ/UM
Sample : SSTD08046
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 22 18:38:33 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 20 06:01:29 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.63 | 152 | 27067 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.42 | 136 | 130585 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.29 | 164 | 81754 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.04 | 188 | 192335 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.26 | 240 | 210829 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.48 | 264 | 192062 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.08 | 96 | 16773 | 31.22 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.82 | 99 | 187279 | 86.14 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.97 | 67 | 91831 | 78.21 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.17 | 132 | 162162 | 84.10 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.36 | 113 | 164863 | 89.02 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.79 | 128 | 83520 | 83.18 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.51 | 143 | 96763 | 86.21 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.05 | 165 | 167603 | 82.80 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.56 | 131 | 205790 | 85.41 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.71 | 166 | 534866 | 78.62 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.99 | 160 | 640315 | 77.47 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.54 | 143 | 95680 | 86.93 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.29 | 176 | 446191 | 77.81 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 103151 | 88.07 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.15 | 188 | 701990 | 74.65 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.46 | 212 | 782588 | 69.93 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.34 | 264 | 777759 | 75.89 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.12 | 88 | 18630 | 29.63 | ng/uL | 98 |
| 4) Benzaldehyde | 6.77 | 77 | 99319 | 79.25 | ng/ul | 94 |
| 6) Phenol | 6.85 | 94 | 198383 | 85.68 | ng/ul | 97 |
| 8) Bis(2-Chloroethyl)ether | 7.06 | 93 | 140612 | 79.58 | ng/ul | 96 |
| 10) 2-Chlorophenol | 7.20 | 128 | 166503 | 83.07 | ng/ul | 98 |
| 11) 2-Methylphenol | 8.09 | 108 | 161687 | 88.61 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.16 | 45 | 134012 | 77.76 | ng/ul | 99 |
| 14) Acetophenone | 8.46 | 105 | 251173 | 85.11 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.45 | 70 | 117731 | 82.71 | ng/ul | 96 |
| 16) 4-Methylphenol | 8.43 | 108 | 176152 | 88.32 | ng/ul | 98 |
| 17) Hexachloroethane | 8.69 | 117 | 61283 | 76.77 | ng/ul | 94 |
| 20) Nitrobenzene | 8.83 | 77 | 175780 | 76.91 | ng/ul | 97 |
| 21) Isophorone | 9.36 | 82 | 351849 | 80.40 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.55 | 139 | 106308 | 84.28 | ng/ul | 91 |
| 24) 2,4-Dimethylphenol | 9.62 | 107 | 202477 | 79.98 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.84 | 93 | 208816 | 77.38 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.08 | 162 | 174677 | 82.97 | ng/ul | 99 |
| 28) Naphthalene | 10.46 | 128 | 552050 | 76.02 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.59 | 127 | 213454 | 83.49 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.75 | 225 | 103724 | 73.16 | ng/ul | 99 |
| 32) Caprolactam | 11.39 | 113 | 33964 | 55.83 | ng/ul | 88 |
| 33) 4-Chloro-3-methylphenol | 11.74 | 107 | 201056 | 86.11 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.09 | 142 | 411278 | 78.49 | ng/ul | 100 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.31 | 142 | 390079 | 78.75 | ng/ul | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.47 | 216 | 211982 | 74.06 | ng/ul | 99 |
| 38) Hexachlorocyclopentadiene | 12.44 | 237 | 100009 | 73.94 | ng/ul | 98 |
| 39) 2,4,6-Trichlorophenol | 12.72 | 196 | 141622 | 78.27 | ng/ul | 100 |
| 40) 2,4,5-Trichlorophenol | 12.80 | 196 | 157681 | 80.90 | ng/ul | 100 |
| 41) 1,1'-Biphenyl | 13.12 | 154 | 531355 | 72.70 | ng/ul | 98 |
| 42) 2-Chloronaphthalene | 13.16 | 162 | 415044 | 74.68 | ng/ul | 100 |
| 43) 2-Nitroaniline | 13.39 | 65 | 116023 | 85.62 | ng/ul | 92 |
| 45) Dimethylphthalate | 13.76 | 163 | 554892 | 78.08 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 13.89 | 165 | 124641 | 88.91 | ng/ul | 96 |
| 48) Acenaphthylene | 14.02 | 152 | 678311 | 75.15 | ng/ul | 99 |
| 49) 3-Nitroaniline | 14.22 | 138 | 116845 | 87.90 | ng/ul | 96 |
| 50) Acenaphthene | 14.36 | 153 | 456116 | 74.58 | ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.44 | 184 | 67427 | 99.58 | ng/ul | 93 |
| 53) 4-Nitrophenol | 14.56 | 109 | 71494 | 81.22 | ng/ul | 95 |
| 54) Dibenzofuran | 14.70 | 168 | 627321 | 74.23 | ng/ul | 97 |
| 55) 2,4-Dinitrotoluene | 14.69 | 165 | 174884 | 86.78 | ng/ul | 92 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.93 | 232 | 132572 | 84.07 | ng/ul | 97 |
| 57) Diethylphthalate | 15.13 | 149 | 571972 | 80.11 | ng/ul | 99 |
| 59) Fluorene | 15.35 | 166 | 508940 | 74.74 | ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.34 | 204 | 251662 | 74.48 | ng/ul | 95 |
| 61) 4-Nitroaniline | 15.40 | 138 | 125777 | 84.86 | ng/ul | 92 |
| 64) 4,6-Dinitro-2-methylphenol | 15.46 | 198 | 110647 | 86.73 | ng/ul | 96 |
| 65) N-Nitrosodiphenylamine | 15.56 | 169 | 463351 | 71.40 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.23 | 248 | 161660 | 72.57 | ng/ul | 95 |
| 67) Hexachlorobenzene | 16.36 | 284 | 178248 | 71.18 | ng/ul | 96 |
| 68) Atrazine | 16.53 | 200 | 180246 | 80.50 | ng/ul | 98 |
| 69) Pentachlorophenol | 16.71 | 266 | 80423 | 69.36 | ng/ul | 99 |
| 70) Phenanthrene | 17.09 | 178 | 848665 | 72.95 | ng/ul | 99 |
| 72) Anthracene | 17.19 | 178 | 861151 | 72.93 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.08 | 216 | 201043 | 67.22 | ng/uL | 100 |
| 74) Pentachlorobenzene | 14.62 | 250 | 201712 | 68.64 | ng/uL | 99 |
| 75) Carbazole | 17.46 | 167 | 795094 | 80.08 | ng/ul | 100 |
| 76) Di-n-butylphthalate | 18.02 | 149 | 1007016 | 78.33 | ng/ul | 99 |
| 77) Fluoranthene | 19.12 | 202 | 1006637 | 82.64 | ng/ul | 100 |
| 80) Pyrene | 19.49 | 202 | 1032501 | 67.72 | ng/ul | 100 |
| 81) Butylbenzylphthalate | 20.39 | 149 | 479973 | 78.65 | ng/ul | 95 |
| 82) 3,3'-Dichlorobenzidine | 21.18 | 252 | 332315 | 78.13 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.24 | 228 | 1033123 | 76.12 | ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 669649 | 74.99 | ng/ul# | 97 |
| 85) Chrysene | 21.30 | 228 | 973750 | 76.00 | ng/ul | 100 |
| 87) Di-n-octyl phthalate | 22.04 | 149 | 1212736 | 82.78 | ng/ul# | 96 |
| 88) Benzo(b)fluoranthene | 22.82 | 252 | 977785 | 76.95 | ng/ul | 100 |
| 89) Benzo(k)fluoranthene | 22.86 | 252 | 962090 | 79.28 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.40 | 252 | 915506 | 75.79 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 828998 | 60.57 | ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 25.74 | 278 | 689589 | 60.02 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 26.42 | 276 | 676905 | 58.56 | ng/ul | 99 |

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

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