Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092816\
Data File : BM007594.D
Acq On : 28 Sep 2016 09:20
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Sep 28 11:13:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 27 03:37:16 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 190512 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.56 | 136 | 911698 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.41 | 164 | 712642 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.15 | 188 | 1651760 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.33 | 240 | 2334708 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.60 | 264 | 2300561 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.30 | 96 | 30769 | 7.94 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.95 | 99 | 341907 | 20.22 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.12 | 67 | 192235 | 21.14 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.31 | 132 | 255233 | 20.78 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.48 | 113 | 290205 | 20.11 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.93 | 128 | 133485 | 20.48 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.65 | 143 | 150470 | 20.32 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.18 | 165 | 307650 | 20.85 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.70 | 131 | 362967 | 23.43 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.82 | 166 | 1060170 | 20.45 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.10 | 160 | 1246693 | 20.73 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.62 | 143 | 172643 | 18.87 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.40 | 176 | 927099 | 20.39 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 190823 | 18.93 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.25 | 188 | 1568530 | 20.67 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.54 | 212 | 1975536 | 21.32 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.46 | 264 | 2104124 | 20.67 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.33 | 88 | 32511 | 8.00 | ng/uL | 95 |
| 4) Benzaldehyde | 6.93 | 77 | 237267 | 20.92 | ng/ul | 99 |
| 6) Phenol | 6.97 | 94 | 350692 | 20.44 | ng/ul | 96 |
| 8) Bis(2-Chloroethyl)ether | 7.20 | 93 | 256196 | 20.85 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.35 | 128 | 259933 | 21.11 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.22 | 108 | 266778 | 20.17 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.31 | 45 | 285649 | 21.37 | ng/ul | 98 |
| 14) Acetophenone | 8.60 | 105 | 453703 | 20.64 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.58 | 70 | 234692 | 21.03 | ng/ul | 92 |
| 16) 4-Methylphenol | 8.55 | 108 | 299574 | 20.24 | ng/ul | 98 |
| 17) Hexachloroethane | 8.85 | 117 | 102073 | 20.26 | ng/ul | 97 |
| 20) Nitrobenzene | 8.97 | 77 | 351450 | 21.04 | ng/ul | 97 |
| 21) Isophorone | 9.49 | 82 | 659559 | 20.64 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.68 | 139 | 159242 | 20.67 | ng/ul | 93 |
| 24) 2,4-Dimethylphenol | 9.74 | 107 | 365121 | 20.48 | ng/ul | 97 |
| 25) Bis(2-Chloroethoxy)methane | 9.97 | 93 | 373119 | 20.46 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.21 | 162 | 296763 | 20.41 | ng/ul | 98 |
| 28) Naphthalene | 10.61 | 128 | 899510 | 20.42 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.72 | 127 | 365917 | 22.57 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.89 | 225 | 204023 | 19.21 | ng/ul | 98 |
| 32) Caprolactam | 11.50 | 113 | 77612 | 14.59 | ng/ul | 93 |
| 33) 4-Chloro-3-methylphenol | 11.85 | 107 | 370093 | 20.91 | ng/ul | 93 |
| 34) 2-Methylnaphthalene | 12.22 | 142 | 711981 | 20.60 | ng/ul | 100 |

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|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.59 | 216 | 426839 | 20.31 ng/ul | 97 |
| 37) Hexachlorocyclopentadiene | 12.57 | 237 | 189938 | 16.83 ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 12.84 | 196 | 276722 | 20.64 ng/ul | 99 |
| 39) 2,4,5-Trichlorophenol | 12.91 | 196 | 312437 | 21.30 ng/ul | 96 |
| 40) 1,1'-Biphenyl | 13.24 | 154 | 979585 | 20.70 ng/ul | 98 |
| 41) 2-Chloronaphthalene | 13.28 | 162 | 763081 | 20.73 ng/ul | 98 |
| 42) 2-Nitroaniline | 13.49 | 65 | 246991 | 21.83 ng/ul | 97 |
| 44) Dimethylphthalate | 13.87 | 163 | 1010967 | 20.11 ng/ul | 100 |
| 45) 2,6-Dinitrotoluene | 13.99 | 165 | 209831 | 21.04 ng/ul | 93 |
| 47) Acenaphthylene | 14.13 | 152 | 1240337 | 20.77 ng/ul | 99 |
| 48) 3-Nitroaniline | 14.32 | 138 | 213783 | 21.09 ng/ul | 94 |
| 49) Acenaphthene | 14.47 | 153 | 842649 | 20.52 ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 14.53 | 184 | 109219 | 16.40 ng/ul# | 86 |
| 52) 4-Nitrophenol | 14.63 | 109 | 174650 | 18.34 ng/ul | 94 |
| 53) Dibenzofuran | 14.81 | 168 | 1239588 | 20.46 ng/ul | 98 |
| 54) 2,4-Dinitrotoluene | 14.78 | 165 | 319635 | 20.78 ng/ul | 95 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.03 | 232 | 298148 | 20.54 ng/ul | 95 |
| 56) Diethylphthalate | 15.23 | 149 | 1048554 | 20.44 ng/ul | 100 |
| 58) Fluorene | 15.46 | 166 | 1013936 | 20.28 ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 15.45 | 204 | 532150 | 20.22 ng/ul | 97 |
| 60) 4-Nitroaniline | 15.49 | 138 | 227611 | 20.42 ng/ul | 95 |
| 63) 4,6-Dinitro-2-methylphenol | 15.54 | 198 | 197195 | 19.06 ng/ul | 99 |
| 64) N-Nitrosodiphenylamine | 15.67 | 169 | 920868 | 20.63 ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.34 | 248 | 367094 | 20.39 ng/ul | 98 |
| 66) Hexachlorobenzene | 16.46 | 284 | 407164 | 20.08 ng/ul | 98 |
| 67) Atrazine | 16.62 | 200 | 372464 | 20.05 ng/ul | 99 |
| 68) Pentachlorophenol | 16.80 | 266 | 246139 | 19.38 ng/ul | 97 |
| 69) Phenanthrene | 17.19 | 178 | 1784833 | 20.40 ng/ul | 99 |
| 71) Anthracene | 17.29 | 178 | 1827214 | 20.58 ng/ul | 99 |
| 72) Carbazole | 17.56 | 167 | 1667605 | 21.13 ng/ul | 100 |
| 73) Di-n-butylphthalate | 18.12 | 149 | 1847471 | 20.70 ng/ul | 100 |
| 74) Fluoranthene | 19.21 | 202 | 2348143 | 21.29 ng/ul | 99 |
| 77) Pyrene | 19.57 | 202 | 2451234 | 21.40 ng/ul | 98 |
| 78) Butylbenzylphthalate | 20.47 | 149 | 952596 | 21.67 ng/ul | 97 |
| 79) 3,3'-Dichlorobenzidine | 21.26 | 252 | 859498 | 20.04 ng/ul | 99 |
| 80) Benzo(a)anthracene | 21.32 | 228 | 2628697 | 20.61 ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.24 | 149 | 1384798 | 21.84 ng/ul | 100 |
| 82) Chrysene | 21.37 | 228 | 2503827 | 20.55 ng/ul | 99 |
| 84) Di-n-octyl phthalate | 22.13 | 149 | 2524395 | 22.72 ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 22.91 | 252 | 2754378 | 21.34 ng/ul | 100 |
| 86) Benzo(k)fluoranthene | 22.96 | 252 | 2597724 | 20.92 ng/ul | 99 |
| 88) Benzo(a)pyrene | 23.50 | 252 | 2562012 | 20.68 ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 25.88 | 276 | 2686111 | 19.63 ng/ul | 99 |
| 90) Dibenzo(a,h)anthracene | 25.89 | 278 | 2174174 | 19.30 ng/ul | 99 |
| 91) Benzo(g,h,i)perylene | 26.58 | 276 | 2250324 | 19.61 ng/ul | 97 |

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

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