Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061515\
Data File : BM001695.D
Acq On : 15 Jun 2015 11:19
Operator : TP/IZ
Sample : SSTD00592
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD00592

Quant Time: Jun 15 13:56:17 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 15 13:42:01 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 62464 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.46 | 136 | 243717 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.32 | 164 | 142591 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.07 | 188 | 330237 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.26 | 240 | 411360 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.49 | 264 | 434998 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.14 | 96 | 2809 | 2.51 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.83 | 99 | 24389 | 5.57 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.00 | 67 | 15484 | 6.24 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.20 | 132 | 19911 | 5.59 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.37 | 113 | 19293 | 5.45 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.83 | 128 | 8405 | 5.24 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.55 | 143 | 8747 | 4.89 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.07 | 165 | 19751 | 5.18 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.60 | 131 | 17583 | 4.71 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.73 | 166 | 56062 | 5.74 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.01 | 160 | 71842 | 5.54 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.52 | 143 | 8091 | 4.73 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.32 | 176 | 54653 | 5.96 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 8417 | 4.53 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.16 | 188 | 80773 | 5.61 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.46 | 212 | 91769 | 5.50 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.34 | 264 | 98720 | 5.46 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.18 | 88 | 3626 | 2.95 | ng/uL | 89 |
| 4) Benzaldehyde | 6.81 | 77 | 17343 | 6.51 | ng/ul | 93 |
| 6) Phenol | 6.86 | 94 | 26152 | 5.75 | ng/ul | 97 |
| 8) Bis(2-Chloroethyl)ether | 7.10 | 93 | 20219 | 5.87 | ng/ul | 96 |
| 10) 2-Chlorophenol | 7.23 | 128 | 20955 | 5.67 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.10 | 108 | 18441 | 5.40 | ng/ul | 93 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.20 | 45 | 25869 | 6.04 | ng/ul | 98 |
| 14) Acetophenone | 8.49 | 105 | 32270 | 5.62 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.47 | 70 | 15218 | 5.43 | ng/ul | 95 |
| 16) 4-Methylphenol | 8.43 | 108 | 20982 | 5.71 | ng/ul | 99 |
| 17) Hexachloroethane | 8.74 | 117 | 8046 | 5.20 | ng/ul | 94 |
| 20) Nitrobenzene | 8.86 | 77 | 23160 | 5.23 | ng/ul | 97 |
| 21) Isophorone | 9.39 | 82 | 38187 | 5.22 | ng/ul# | 97 |
| 23) 2-Nitrophenol | 9.57 | 139 | 9659 | 4.95 | ng/ul | 92 |
| 24) 2,4-Dimethylphenol | 9.63 | 107 | 24519 | 5.48 | ng/ul | 91 |
| 25) Bis(2-Chloroethoxy)methane | 9.87 | 93 | 25493 | 5.79 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.10 | 162 | 19388 | 5.21 | ng/ul | 96 |
| 28) Naphthalene | 10.50 | 128 | 67460 | 5.80 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.62 | 127 | 16961 | 4.44 | ng/ul | 92 |
| 31) Hexachlorobutadiene | 10.79 | 225 | 16202 | 5.36 | ng/ul | 96 |
| 32) Caprolactam | 11.36 | 113 | 4615 | 4.67 | ng/ul | 88 |
| 33) 4-Chloro-3-methylphenol | 11.75 | 107 | 20280 | 5.38 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 12.13 | 142 | 47672 | 5.64 | ng/ul | 98 |

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|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 28513 | 5.57 | ng/ul | 96 |
| 37) Hexachlorocyclopentadiene | 12.47 | 237 | 15305 | 4.60 | ng/ul | 97 |
| 38) 2,4,6-Trichlorophenol | 12.75 | 196 | 15303 | 5.08 | ng/ul | 93 |
| 39) 2,4,5-Trichlorophenol | 12.81 | 196 | 16581 | 5.13 | ng/ul | 96 |
| 40) 1,1'-Biphenyl | 13.15 | 154 | 62902 | 5.71 | ng/ul | 99 |
| 41) 2-Chloronaphthalene | 13.19 | 162 | 49895 | 5.78 | ng/ul | 97 |
| 42) 2-Nitroaniline | 13.40 | 65 | 10798 | 4.72 | ng/ul | 89 |
| 44) Dimethylphthalate | 13.78 | 163 | 61710 | 5.76 | ng/ul | 98 |
| 45) 2,6-Dinitrotoluene | 13.90 | 165 | 10071 | 4.90 | ng/ul | 98 |
| 47) Acenaphthylene | 14.04 | 152 | 75592 | 5.70 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.23 | 138 | 9089 | 5.06 | ng/ul | 96 |
| 49) Acenaphthene | 14.39 | 153 | 50989 | 5.71 | ng/ul | 95 |
| 50) 2,4-Dinitrophenol | 14.43 | 184 | 4552 | 3.88 | ng/ul# | 87 |
| 52) 4-Nitrophenol | 14.53 | 109 | 8789 | 4.60 | ng/ul | 94 |
| 53) Dibenzofuran | 14.72 | 168 | 74893 | 5.91 | ng/ul | 97 |
| 54) 2,4-Dinitrotoluene | 14.69 | 165 | 14798 | 5.04 | ng/ul# | 92 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.94 | 232 | 15201 | 5.33 | ng/ul# | 94 |
| 56) Diethylphthalate | 15.14 | 149 | 57978 | 5.60 | ng/ul | 98 |
| 58) Fluorene | 15.37 | 166 | 60880 | 5.79 | ng/ul | 97 |
| 59) 4-Chlorophenyl-phenylether | 15.37 | 204 | 33720 | 5.82 | ng/ul | 99 |
| 60) 4-Nitroaniline | 15.39 | 138 | 10270 | 5.26 | ng/ul# | 81 |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 198 | 8882 | 4.53 | ng/ul# | 92 |
| 64) N-Nitrosodiphenylamine | 15.59 | 169 | 49936 | 5.45 | ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.26 | 248 | 19529 | 5.47 | ng/ul | 95 |
| 66) Hexachlorobenzene | 16.37 | 284 | 22185 | 5.65 | ng/ul | 95 |
| 67) Atrazine | 16.53 | 200 | 18192 | 4.89 | ng/ul | 90 |
| 68) Pentachlorophenol | 16.72 | 266 | 10708 | 4.30 | ng/ul | 96 |
| 69) Phenanthrene | 17.11 | 178 | 96634 | 5.78 | ng/ul | 99 |
| 71) Anthracene | 17.20 | 178 | 97533 | 5.67 | ng/ul | 99 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.11 | 216 | 27018 | 5.58 | ng/uL | 91 |
| 73) Pentachlorobenzene | 14.64 | 250 | 26956 | 5.84 | ng/uL | 93 |
| 74) Carbazole | 17.47 | 167 | 82600 | 5.57 | ng/ul | 100 |
| 75) Di-n-butylphthalate | 18.04 | 149 | 83135 | 5.08 | ng/ul | 100 |
| 76) Fluoranthene | 19.13 | 202 | 110988 | 5.64 | ng/ul# | 96 |
| 79) Pyrene | 19.49 | 202 | 120644 | 5.50 | ng/ul# | 96 |
| 80) Butylbenzylphthalate | 20.40 | 149 | 33676 | 4.56 | ng/ul | 94 |
| 81) 3,3'-Dichlorobenzidine | 21.18 | 252 | 25451 | 3.85 | ng/ul# | 96 |
| 82) Benzo(a)anthracene | 21.24 | 228 | 128725 | 5.71 | ng/ul | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 50978 | 4.75 | ng/ul | 99 |
| 84) Chrysene | 21.30 | 228 | 124300 | 5.87 | ng/ul | 99 |
| 86) Di-n-octyl phthalate | 22.05 | 149 | 91169 | 4.30 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.82 | 252 | 131229 | 5.42 | ng/ul | 98 |
| 88) Benzo(k)fluoranthene | 22.82 | 252 | 62329 | 2.68 | ng/ul | 99 |
| 90) Benzo(a)pyrene | 23.39 | 252 | 129078 | 5.54 | ng/ul# | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.72 | 276 | 149642 | 5.52 | ng/ul# | 96 |
| 92) Dibenzo(a,h)anthracene | 25.74 | 278 | 125176 | 5.44 | ng/ul | 99 |
| 93) Benzo(g,h,i)perylene | 26.41 | 276 | 126499 | 5.63 | ng/ul | 98 |

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

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