Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020817\
Data File : BM008983.D
Acq On : 08 Feb 2017 12:50
Operator : SJ/MA
Sample : SSTD04038
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 08 13:47:42 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM020817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 08 13:42:40 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.91 | 152 | 206304 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.71 | 136 | 843940 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.54 | 164 | 615911 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.29 | 188 | 1325559 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.46 | 240 | 1702587 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.81 | 264 | 1554738 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.36 | 96 | 80463 | 15.60 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.06 | 99 | 728302 | 37.78 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.24 | 67 | 526422 | 33.36 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.43 | 132 | 507059 | 42.62 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.60 | 113 | 547348 | 37.57 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.07 | 128 | 245557 | 40.30 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.79 | 143 | 271209 | 40.04 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.32 | 165 | 556874 | 39.03 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.85 | 131 | 617970 | 47.27 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.95 | 166 | 1711867 | 37.92 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.24 | 160 | 2153192 | 42.07 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.74 | 143 | 304012 | 41.26 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.54 | 176 | 1578898 | 37.90 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.66 | 200 | 325186 | 37.89 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.39 | 188 | 2566149 | 40.52 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.68 | 212 | 2947098 | 39.26 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.66 | 264 | 2855283 | 40.44 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.40 | 88 | 92336 | 14.22 | ng/uL# | 66 |
| 4) Benzaldehyde | 7.05 | 77 | 595110 | 30.88 | ng/ul | 85 |
| 6) Phenol | 7.09 | 94 | 772343 | 37.78 | ng/ul# | 67 |
| 8) Bis(2-Chloroethyl)ether | 7.33 | 93 | 612469 | 39.63 | ng/ul# | 82 |
| 10) 2-Chlorophenol | 7.47 | 128 | 516787 | 42.04 | ng/ul# | 81 |
| 11) 2-Methylphenol | 8.34 | 108 | 529255 | 36.92 | ng/ul | 95 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.44 | 45 | 964575 | 31.51 | ng/ul | 97 |
| 14) Acetophenone | 8.73 | 105 | 934589 | 34.18 | ng/ul# | 74 |
| 15) N-Nitroso-di-n-propylamine | 8.72 | 70 | 571004 | 31.79 | ng/ul# | 78 |
| 16) 4-Methylphenol | 8.67 | 108 | 589295 | 38.51 | ng/ul | 97 |
| 17) Hexachloroethane | 8.99 | 117 | 249247 | 31.84 | ng/ul# | 78 |
| 20) Nitrobenzene | 9.12 | 77 | 821149 | 29.41 | ng/ul# | 89 |
| 21) Isophorone | 9.64 | 82 | 1433084 | 34.60 | ng/ul# | 94 |
| 23) 2-Nitrophenol | 9.82 | 139 | 291407 | 41.41 | ng/ul# | 55 |
| 24) 2,4-Dimethylphenol | 9.87 | 107 | 706990 | 33.07 | ng/ul | 87 |
| 25) Bis(2-Chloroethoxy)methane | 10.12 | 93 | 817572 | 38.82 | ng/ul | 95 |
| 27) 2,4-Dichlorophenol | 10.35 | 162 | 552122 | 38.57 | ng/ul# | 92 |
| 28) Naphthalene | 10.76 | 128 | 1695740 | 40.54 | ng/ul | 98 |
| 30) 4-Chloroaniline | 10.87 | 127 | 638081 | 46.48 | ng/ul | 96 |
| 31) Hexachlorobutadiene | 11.03 | 225 | 442684 | 31.33 | ng/ul | 96 |
| 32) Caprolactam | 11.65 | 113 | 99068 | 22.79 | ng/ul# | 77 |
| 33) 4-Chloro-3-methylphenol | 11.99 | 107 | 642330 | 33.78 | ng/ul# | 88 |
| 34) 2-Methylnaphthalene | 12.37 | 142 | 1279429 | 39.06 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.73 | 216 | 804568 | 38.91 | ng/ul# | 95 |
| 37) Hexachlorocyclopentadiene | 12.71 | 237 | 521501 | 33.15 | ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 12.97 | 196 | 488404 | 39.13 | ng/ul | 97 |
| 39) 2,4,5-Trichlorophenol | 13.05 | 196 | 527478 | 38.76 | ng/ul | 94 |
| 40) 1,1'-Biphenyl | 13.38 | 154 | 1717128 | 41.00 | ng/ul | 94 |
| 41) 2-Chloronaphthalene | 13.42 | 162 | 1331393 | 40.57 | ng/ul | 96 |
| 42) 2-Nitroaniline | 13.63 | 65 | 500356 | 28.27 | ng/ul# | 77 |
| 44) Dimethylphthalate | 14.00 | 163 | 1702941 | 38.66 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 14.13 | 165 | 336995 | 39.97 | ng/ul# | 70 |
| 47) Acenaphthylene | 14.27 | 152 | 2113420 | 41.93 | ng/ul | 100 |
| 48) 3-Nitroaniline | 14.46 | 138 | 337125 | 46.61 | ng/ul# | 81 |
| 49) Acenaphthene | 14.61 | 153 | 1446637 | 39.99 | ng/ul | 97 |
| 50) 2,4-Dinitrophenol | 14.66 | 184 | 218903 | 34.38 | ng/ul# | 73 |
| 52) 4-Nitrophenol | 14.75 | 109 | 360491 | 22.43 | ng/ul# | 75 |
| 53) Dibenzofuran | 14.94 | 168 | 2147853 | 38.96 | ng/ul | 89 |
| 54) 2,4-Dinitrotoluene | 14.91 | 165 | 509902 | 39.81 | ng/ul# | 64 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.17 | 232 | 493524 | 37.63 | ng/ul# | 92 |
| 56) Diethylphthalate | 15.36 | 149 | 1773243 | 36.34 | ng/ul | 97 |
| 58) Fluorene | 15.60 | 166 | 1764178 | 37.61 | ng/ul | 95 |
| 59) 4-Chlorophenyl-phenylether | 15.59 | 204 | 952926 | 35.54 | ng/ul | 95 |
| 60) 4-Nitroaniline | 15.62 | 138 | 377542 | 40.34 | ng/ul# | 37 |
| 63) 4,6-Dinitro-2-methylphenol | 15.67 | 198 | 346590 | 39.90 | ng/ul# | 69 |
| 64) N-Nitrosodiphenylamine | 15.80 | 169 | 1550507 | 42.29 | ng/ul | 98 |
| 65) 4-Bromophenyl-phenylether | 16.48 | 248 | 617896 | 39.70 | ng/ul | 90 |
| 66) Hexachlorobenzene | 16.59 | 284 | 672285 | 40.10 | ng/ul | 92 |
| 67) Atrazine | 16.75 | 200 | 608445 | 36.78 | ng/ul | 97 |
| 68) Pentachlorophenol | 16.93 | 266 | 411376 | 38.61 | ng/ul# | 85 |
| 69) Phenanthrene | 17.34 | 178 | 2926406 | 40.80 | ng/ul | 98 |
| 71) Anthracene | 17.43 | 178 | 3017211 | 40.92 | ng/ul | 97 |
| 72) Carbazole | 17.70 | 167 | 2637090 | 40.23 | ng/ul | 97 |
| 73) Di-n-butylphthalate | 18.24 | 149 | 3155710 | 40.66 | ng/ul# | 97 |
| 74) Fluoranthene | 19.34 | 202 | 3605622 | 37.65 | ng/ul# | 93 |
| 77) Pyrene | 19.71 | 202 | 3780114 | 40.13 | ng/ul# | 92 |
| 78) Butylbenzylphthalate | 20.59 | 149 | 1428559 | 40.86 | ng/ul | 87 |
| 79) 3,3'-Dichlorobenzidine | 21.38 | 252 | 1380157 | 41.51 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.45 | 228 | 3869488 | 39.32 | ng/ul | 100 |
| 81) Bis(2-ethylhexyl)phthalate | 21.36 | 149 | 2107718 | 43.09 | ng/ul | 94 |
| 82) Chrysene | 21.50 | 228 | 3676337 | 39.51 | ng/ul | 99 |
| 84) Di-n-octyl phthalate | 22.27 | 149 | 3639949 | 38.64 | ng/ul# | 88 |
| 85) Benzo(b)fluoranthene | 23.10 | 252 | 3728381 | 39.64 | ng/ul# | 98 |
| 86) Benzo(k)fluoranthene | 23.15 | 252 | 3701686 | 41.08 | ng/ul# | 98 |
| 88) Benzo(a)pyrene | 23.71 | 252 | 3609939 | 40.17 | ng/ul# | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 26.21 | 276 | 3907870 | 40.42 | ng/ul# | 91 |
| 90) Dibenzo(a,h)anthracene | 26.23 | 278 | 3318956 | 40.23 | ng/ul# | 95 |
| 91) Benzo(g,h,i)perylene | 26.96 | 276 | 3239709 | 40.92 | ng/ul# | 95 |

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

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