Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020995.D
Acq On : 18 Jun 2019 00:49
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02029

Quant Time: Jun 18 01:37:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 17 09:33:39 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.79 | 152 | 250144 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.58 | 136 | 1122793 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.43 | 164 | 749734 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.17 | 188 | 1876344 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.36 | 240 | 1987488 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.63 | 264 | 1981045 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 38802 | 7.37 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.96 | 99 | 445239 | 20.45 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.13 | 67 | 268281 | 20.68 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.32 | 132 | 361625 | 20.44 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.49 | 113 | 380493 | 20.94 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.95 | 128 | 188715 | 20.70 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.67 | 143 | 214567 | 21.20 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.20 | 165 | 438945 | 21.33 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.72 | 131 | 496462 | 23.13 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.84 | 166 | 1417521 | 20.92 | ng/ul | -0.01 |
| 46) Acenaphthylene-d8 | 14.12 | 160 | 1729960 | 20.86 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.63 | 143 | 250857 | 22.77 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.42 | 176 | 1238807 | 21.02 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.55 | 200 | 227385 | 19.71 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.27 | 188 | 1981550 | 20.32 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.57 | 212 | 2263764 | 18.98 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.49 | 264 | 2368798 | 20.27 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.33 | 88 | 41633 | 7.810 | ng/uL | 96 |
| 4) Benzaldehyde | 6.95 | 77 | 204538 | 20.606 | ng/ul | 98 |
| 6) Phenol | 6.99 | 94 | 421210 | 20.453 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 7.22 | 93 | 320668 | 20.402 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.36 | 128 | 342289 | 20.531 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.23 | 108 | 329972 | 20.708 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.32 | 45 | 416198 | 20.737 | ng/ul | 98 |
| 14) Acetophenone | 8.62 | 105 | 551405 | 21.080 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.60 | 70 | 290207 | 21.317 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.56 | 108 | 363442 | 20.960 | ng/ul | 98 |
| 17) Hexachloroethane | 8.86 | 117 | 138654 | 19.952 | ng/ul | 97 |
| 20) Nitrobenzene | 8.99 | 77 | 416002 | 20.311 | ng/ul | 97 |
| 21) Isophorone | 9.52 | 82 | 805939 | 20.894 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.70 | 139 | 210146 | 20.651 | ng/ul | 96 |
| 24) 2,4-Dimethylphenol | 9.76 | 107 | 428535 | 20.613 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 10.00 | 93 | 485285 | 20.416 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.23 | 162 | 392589 | 20.956 | ng/ul | 97 |
| 28) Naphthalene | 10.63 | 128 | 1167002 | 20.244 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.75 | 127 | 461403 | 22.856 | ng/ul | 97 |
| 31) Hexachlorobutadiene | 10.90 | 225 | 250146 | 19.597 | ng/ul | 97 |
| 32) Caprolactam | 11.53 | 113 | 122381 | 23.237 | ng/ul | 97 |
| 33) 4-Chloro-3-methylphenol | 11.87 | 107 | 415590 | 21.759 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 12.24 | 142 | 922510 | 20.871 | ng/ul | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.61 | 216 | 526791 | 19.682 | ng/ul | 98 |
| 37) Hexachlorocyclopentadiene | 12.58 | 237 | 276851 | 17.387 | ng/ul | 98 |
| 38) 2,4,6-Trichlorophenol | 12.86 | 196 | 348074 | 20.927 | ng/ul | 97 |
| 39) 2,4,5-Trichlorophenol | 12.93 | 196 | 377679 | 21.258 | ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.26 | 154 | 1237811 | 20.014 | ng/ul | 99 |
| 41) 2-Chloronaphthalene | 13.30 | 162 | 971923 | 19.891 | ng/ul | 99 |
| 42) 2-Nitroaniline | 13.52 | 65 | 263624 | 22.200 | ng/ul | 99 |
| 44) Dimethylphthalate | 13.89 | 163 | 1280542 | 20.765 | ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 14.02 | 165 | 258467 | 21.960 | ng/ul | 98 |
| 47) Acenaphthylene | 14.15 | 152 | 1472175 | 20.735 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.35 | 138 | 239988 | 23.292 | ng/ul | 98 |
| 49) Acenaphthene | 14.49 | 153 | 1069918 | 20.555 | ng/ul | 100 |
| 50) 2,4-Dinitrophenol | 14.55 | 184 | 125134 | 21.163 | ng/ul | 99 |
| 52) 4-Nitrophenol | 14.65 | 109 | 182465 | 22.387 | ng/ul | 99 |
| 53) Dibenzofuran | 14.83 | 168 | 1534504 | 20.705 | ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 14.80 | 165 | 392759 | 22.995 | ng/ul | 100 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.06 | 232 | 346797 | 22.384 | ng/ul | 98 |
| 56) Diethylphthalate | 15.26 | 149 | 1287341 | 21.637 | ng/ul | 99 |
| 58) Fluorene | 15.48 | 166 | 1269215 | 21.078 | ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 15.47 | 204 | 675673 | 20.581 | ng/ul | 98 |
| 60) 4-Nitroaniline | 15.51 | 138 | 261633 | 23.889 | ng/ul | 97 |
| 63) 4,6-Dinitro-2-methylphenol | 15.56 | 198 | 230400 | 19.899 | ng/ul | 100 |
| 64) N-Nitrosodiphenylamine | 15.69 | 169 | 1112919 | 19.585 | ng/ul | 100 |
| 65) 4-Bromophenyl-phenylether | 16.37 | 248 | 445646 | 19.368 | ng/ul | 97 |
| 66) Hexachlorobenzene | 16.47 | 284 | 519761 | 19.710 | ng/ul | 98 |
| 67) Atrazine | 16.64 | 200 | 429609 | 20.838 | ng/ul | 97 |
| 68) Pentachlorophenol | 16.82 | 266 | 287222 | 21.722 | ng/ul | 98 |
| 69) Phenanthrene | 17.22 | 178 | 2091401 | 20.154 | ng/ul | 99 |
| 71) Anthracene | 17.31 | 178 | 2145570 | 20.289 | ng/ul | 99 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.22 | 216 | 529554 | 17.941 | ng/uL | 100 |
| 73) Pentachlorobenzene | 14.75 | 250 | 567944 | 18.699 | ng/uL | 98 |
| 74) Carbazole | 17.58 | 167 | 1879866 | 21.570 | ng/ul | 100 |
| 75) Di-n-butylphthalate | 18.14 | 149 | 2248477 | 21.489 | ng/ul | 100 |
| 76) Fluoranthene | 19.23 | 202 | 2627230 | 23.431 | ng/ul | 99 |
| 79) Pyrene | 19.60 | 202 | 2654389 | 18.891 | ng/ul | 99 |
| 80) Butylbenzylphthalate | 20.49 | 149 | 1103060 | 21.208 | ng/ul | 100 |
| 81) 3,3'-Dichlorobenzidine | 21.27 | 252 | 931288 | 20.906 | ng/ul | 100 |
| 82) Benzo(a)anthracene | 21.34 | 228 | 2724965 | 20.111 | ng/ul | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 1621427 | 21.895 | ng/ul | 99 |
| 84) Chrysene | 21.39 | 228 | 2583673 | 20.360 | ng/ul | 100 |
| 86) Di-n-octyl phthalate | 22.15 | 149 | 2777967 | 24.335 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.94 | 252 | 2691398 | 21.447 | ng/ul | 100 |
| 88) Benzo(k)fluoranthene | 22.99 | 252 | 2470955 | 20.468 | ng/ul | 100 |
| 90) Benzo(a)pyrene | 23.53 | 252 | 2365353 | 20.026 | ng/ul | 100 |
| 91) Indeno(1,2,3-cd)pyrene | 25.93 | 276 | 2419348 | 17.395 | ng/ul | 99 |
| 92) Dibenzo(a,h)anthracene | 25.94 | 278 | 2050531 | 17.525 | ng/ul | 99 |
| 93) Benzo(g,h,i)perylene | 26.64 | 276 | 1910437 | 16.678 | ng/ul | 99 |

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

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