Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
Data File : BM019434.D
Acq On : 25 Mar 2019 16:48
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02070

Quant Time: Mar 26 05:40:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 03:11:42 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 128838 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.39 | 136 | 556729 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.26 | 164 | 318447 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.02 | 188 | 694049 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.23 | 240 | 750734 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.44 | 264 | 797124 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.15 | 96 | 22920 | 6.97 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 210106 | 18.31 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.96 | 67 | 135857 | 17.69 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 168889 | 19.42 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.32 | 113 | 162254 | 18.84 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.77 | 128 | 74342 | 18.72 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.49 | 143 | 84632 | 19.15 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.02 | 165 | 165300 | 19.82 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.55 | 131 | 195299 | 19.50 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.68 | 166 | 468878 | 18.25 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.95 | 160 | 607299 | 18.90 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.50 | 143 | 67565 | 16.77 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.26 | 176 | 420375 | 18.99 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 71948 | 15.68 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.12 | 188 | 631842 | 18.97 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.43 | 212 | 661683 | 19.08 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.30 | 264 | 797146 | 18.86 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.18 | 88 | 24807 | 6.625 | ng/uL# | 92 |
| 4) Benzaldehyde | 6.77 | 77 | 151285 | 18.408 | ng/ul | 98 |
| 6) Phenol | 6.81 | 94 | 222674 | 18.599 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 7.05 | 93 | 164744 | 17.987 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.17 | 128 | 171634 | 19.417 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.05 | 108 | 158172 | 18.943 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.12 | 45 | 153639 | 17.697 | ng/ul# | 81 |
| 14) Acetophenone | 8.43 | 105 | 253626 | 18.084 | ng/ul | 92 |
| 15) N-Nitroso-di-n-propylamine | 8.41 | 70 | 143848 | 18.302 | ng/ul# | 85 |
| 16) 4-Methylphenol | 8.38 | 108 | 174138 | 19.015 | ng/ul | 94 |
| 17) Hexachloroethane | 8.66 | 117 | 68255 | 18.373 | ng/ul | 85 |
| 20) Nitrobenzene | 8.82 | 77 | 205238 | 17.361 | ng/ul | 96 |
| 21) Isophorone | 9.33 | 82 | 365231 | 18.009 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.52 | 139 | 92736 | 19.020 | ng/ul | 96 |
| 24) 2,4-Dimethylphenol | 9.57 | 107 | 191133 | 18.040 | ng/ul | 94 |
| 25) Bis(2-Chloroethoxy)methane | 9.82 | 93 | 221194 | 18.074 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.04 | 162 | 163569 | 19.847 | ng/ul | 96 |
| 28) Naphthalene | 10.43 | 128 | 538252 | 18.663 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.57 | 127 | 201469 | 19.107 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.69 | 225 | 98535 | 18.952 | ng/ul | 99 |
| 32) Caprolactam | 11.39 | 113 | 43989 | 17.977 | ng/ul | 79 |
| 33) 4-Chloro-3-methylphenol | 11.69 | 107 | 171294 | 19.282 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 12.06 | 142 | 383643 | 18.984 | ng/ul | 100 |

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|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.28 | 142 | 362293 | 18.987 ng/ul | 95 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.43 | 216 | 190796 | 18.829 ng/ul# | 97 |
| 38) Hexachlorocyclopentadiene | 12.39 | 237 | 92888 | 17.871 ng/ul# | 96 |
| 39) 2,4,6-Trichlorophenol | 12.69 | 196 | 122496 | 19.376 ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 12.76 | 196 | 129411 | 19.087 ng/ul | 99 |
| 41) 1,1'-Biphenyl | 13.09 | 154 | 488282 | 18.003 ng/ul# | 96 |
| 42) 2-Chloronaphthalene | 13.13 | 162 | 385180 | 18.544 ng/ul | 98 |
| 43) 2-Nitroaniline | 13.36 | 65 | 104370 | 18.297 ng/ul | 92 |
| 45) Dimethylphthalate | 13.73 | 163 | 464783 | 18.028 ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 13.86 | 165 | 92310 | 19.504 ng/ul | 94 |
| 48) Acenaphthylene | 13.98 | 152 | 598185 | 18.785 ng/ul | 99 |
| 49) 3-Nitroaniline | 14.20 | 138 | 87363 | 18.864 ng/ul | 97 |
| 50) Acenaphthene | 14.33 | 153 | 413745 | 18.448 ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.42 | 184 | 51499 | 18.793 ng/ul# | 90 |
| 53) 4-Nitrophenol | 14.52 | 109 | 50087 | 15.889 ng/ul# | 79 |
| 54) Dibenzofuran | 14.66 | 168 | 584581 | 18.665 ng/ul | 96 |
| 55) 2,4-Dinitrotoluene | 14.66 | 165 | 137464 | 19.614 ng/ul# | 70 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.90 | 232 | 111191 | 19.468 ng/ul# | 86 |
| 57) Diethylphthalate | 15.10 | 149 | 462959 | 18.257 ng/ul | 97 |
| 59) Fluorene | 15.32 | 166 | 470936 | 18.974 ng/ul | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.32 | 204 | 231091 | 18.664 ng/ul | 95 |
| 61) 4-Nitroaniline | 15.37 | 138 | 93623 | 18.519 ng/ul | 85 |
| 64) 4,6-Dinitro-2-methylphenol | 15.42 | 198 | 77165 | 15.880 ng/ul# | 92 |
| 65) N-Nitrosodiphenylamine | 15.53 | 169 | 407834 | 18.888 ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.21 | 248 | 141842 | 18.819 ng/ul | 96 |
| 67) Hexachlorobenzene | 16.31 | 284 | 169244 | 18.544 ng/ul# | 91 |
| 68) Atrazine | 16.49 | 200 | 133571 | 17.676 ng/ul | 95 |
| 69) Pentachlorophenol | 16.67 | 266 | 114928 | 24.092 ng/ul | 98 |
| 70) Phenanthrene | 17.06 | 178 | 743262 | 18.888 ng/ul | 99 |
| 72) Anthracene | 17.15 | 178 | 754151 | 18.785 ng/ul | 97 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.05 | 216 | 189186 | 18.801 ng/uL | 97 |
| 74) Pentachlorobenzene | 14.57 | 250 | 194482 | 18.478 ng/uL | 98 |
| 75) Carbazole | 17.44 | 167 | 655724 | 18.212 ng/ul | 98 |
| 76) Di-n-butylphthalate | 17.99 | 149 | 742473 | 18.604 ng/ul | 99 |
| 77) Fluoranthene | 19.09 | 202 | 822194 | 18.234 ng/ul# | 87 |
| 80) Pyrene | 19.46 | 202 | 856844 | 18.971 ng/ul# | 84 |
| 81) Butylbenzylphthalate | 20.36 | 149 | 336304 | 18.806 ng/ul | 92 |
| 82) 3,3'-Dichlorobenzidine | 21.16 | 252 | 296409 | 18.175 ng/ul# | 98 |
| 83) Benzo(a)anthracene | 21.21 | 228 | 851371 | 18.841 ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.13 | 149 | 496548 | 19.157 ng/ul | 97 |
| 85) Chrysene | 21.26 | 228 | 794995 | 18.336 ng/ul | 99 |
| 87) Di-n-octyl phthalate | 22.00 | 149 | 868986 | 17.477 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.77 | 252 | 901356 | 18.564 ng/ul# | 97 |
| 89) Benzo(k)fluoranthene | 22.82 | 252 | 865439 | 18.560 ng/ul# | 97 |
| 91) Benzo(a)pyrene | 23.34 | 252 | 866483 | 18.667 ng/ul# | 96 |
| 92) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 1083543 | 18.641 ng/ul# | 87 |
| 93) Dibenzo(a,h)anthracene | 25.68 | 278 | 913663 | 18.438 ng/ul# | 95 |
| 94) Benzo(g,h,i)perylene | 26.36 | 276 | 895702 | 18.440 ng/ul# | 93 |

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

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