Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
Data File : BM019646.D
Acq On : 01 Apr 2019 09:09
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02089

Quant Time: Apr 02 03:49:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 01 07:20:18 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 108252 | 20.00 | ng/ul | -0.01 |
| 18) Naphthalene-d8 | 10.35 | 136 | 482289 | 20.00 | ng/ul | -0.01 |
| 36) Acenaphthene-d10 | 14.23 | 164 | 269811 | 20.00 | ng/ul | -0.01 |
| 62) Phenanthrene-d10 | 16.99 | 188 | 602080 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.20 | 240 | 792369 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.40 | 264 | 896184 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.12 | 96 | 20433 | 7.39 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.75 | 99 | 196248 | 20.36 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.92 | 67 | 129397 | 20.05 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4 | 7.10 | 132 | 150099 | 20.54 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.29 | 113 | 149650 | 20.68 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.74 | 128 | 66464 | 19.32 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4 | 9.45 | 143 | 77410 | 20.22 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3 | 9.98 | 165 | 144165 | 19.95 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.52 | 131 | 184774 | 21.30 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.65 | 166 | 424091 | 19.48 | ng/ul | -0.01 |
| 47) Acenaphthylene-d8 | 13.92 | 160 | 548439 | 20.15 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4 | 14.47 | 143 | 63633 | 18.65 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.23 | 176 | 370600 | 19.76 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 63470 | 15.94 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.09 | 188 | 581607 | 20.13 | ng/ul | -0.01 |
| 79) Pyrene-d10 | 19.40 | 212 | 651025 | 17.79 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.26 | 264 | 938252 | 19.75 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.16 | 88 | 20136 | 6.400 | ng/uL | 95 |
| 4) Benzaldehyde | 6.74 | 77 | 146724 | 21.248 | ng/ul | 97 |
| 6) Phenol | 6.78 | 94 | 206290 | 20.507 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.02 | 93 | 151571 | 19.696 | ng/ul | 96 |
| 10) 2-Chlorophenol | 7.13 | 128 | 154662 | 20.824 | ng/ul | 96 |
| 11) 2-Methylphenol | 8.02 | 108 | 144473 | 20.593 | ng/ul | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.10 | 45 | 153412 | 21.031 | ng/ul# | 81 |
| 14) Acetophenone | 8.40 | 105 | 236602 | 20.078 | ng/ul | 91 |
| 15) N-Nitroso-di-n-propylamine | 8.38 | 70 | 136559 | 20.679 | ng/ul# | 88 |
| 16) 4-Methylphenol | 8.35 | 108 | 160119 | 20.809 | ng/ul | 99 |
| 17) Hexachloroethane | 8.62 | 117 | 59808 | 19.160 | ng/ul | 85 |
| 20) Nitrobenzene | 8.78 | 77 | 196540 | 19.191 | ng/ul | 99 |
| 21) Isophorone | 9.29 | 82 | 344809 | 19.626 | ng/ul | 97 |
| 23) 2-Nitrophenol | 9.48 | 139 | 83029 | 19.657 | ng/ul | 93 |
| 24) 2,4-Dimethylphenol | 9.54 | 107 | 179826 | 19.593 | ng/ul | 100 |
| 25) Bis(2-Chloroethoxy)methane | 9.78 | 93 | 203009 | 19.149 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.01 | 162 | 145465 | 20.375 | ng/ul | 95 |
| 28) Naphthalene | 10.40 | 128 | 496039 | 19.854 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.54 | 127 | 191353 | 20.948 | ng/ul | 97 |
| 31) Hexachlorobutadiene | 10.66 | 225 | 84430 | 18.746 | ng/ul | 99 |
| 32) Caprolactam | 11.35 | 113 | 14670 | 6.920 | ng/ul# | 80 |
| 33) 4-Chloro-3-methylphenol | 11.66 | 107 | 160479 | 20.853 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.02 | 142 | 346022 | 19.765 | ng/ul | 97 |

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|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.25 | 142 | 328322 | 19.862 | ng/ul | 98 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.39 | 216 | 159170 | 18.539 | ng/ul# | 96 |
| 38) Hexachlorocyclopentadiene | 12.35 | 237 | 64053 | 14.545 | ng/ul# | 98 |
| 39) 2,4,6-Trichlorophenol | 12.65 | 196 | 104128 | 19.439 | ng/ul | 98 |
| 40) 2,4,5-Trichlorophenol | 12.73 | 196 | 113210 | 19.707 | ng/ul | 99 |
| 41) 1,1'-Biphenyl | 13.05 | 154 | 443495 | 19.299 | ng/ul# | 96 |
| 42) 2-Chloronaphthalene | 13.10 | 162 | 348599 | 19.808 | ng/ul | 96 |
| 43) 2-Nitroaniline | 13.33 | 65 | 102758 | 21.262 | ng/ul | 88 |
| 45) Dimethylphthalate | 13.70 | 163 | 423715 | 19.398 | ng/ul# | 98 |
| 46) 2,6-Dinitrotoluene | 13.83 | 165 | 81564 | 20.340 | ng/ul# | 87 |
| 48) Acenaphthylene | 13.95 | 152 | 541587 | 20.073 | ng/ul | 99 |
| 49) 3-Nitroaniline | 14.17 | 138 | 82861 | 21.117 | ng/ul# | 88 |
| 50) Acenaphthene | 14.29 | 153 | 378161 | 19.901 | ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.40 | 184 | 41936 | 18.062 | ng/ul# | 78 |
| 54) Dibenzofuran | 14.63 | 168 | 528166 | 19.904 | ng/ul | 100 |
| 55) 2,4-Dinitrotoluene | 14.63 | 165 | 127246 | 21.429 | ng/ul# | 55 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.87 | 232 | 95708 | 19.778 | ng/ul# | 76 |
| 57) Diethylphthalate | 15.07 | 149 | 435492 | 20.269 | ng/ul | 94 |
| 59) Fluorene | 15.29 | 166 | 424578 | 20.190 | ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.29 | 204 | 200756 | 19.137 | ng/ul# | 91 |
| 61) 4-Nitroaniline | 15.34 | 138 | 91884 | 21.452 | ng/ul# | 91 |
| 64) 4,6-Dinitro-2-methylphenol | 15.39 | 198 | 65931 | 15.641 | ng/ul# | 81 |
| 65) N-Nitrosodiphenylamine | 15.50 | 169 | 363965 | 19.431 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.18 | 248 | 122749 | 18.774 | ng/ul# | 90 |
| 67) Hexachlorobenzene | 16.29 | 284 | 148800 | 18.794 | ng/ul# | 88 |
| 68) Atrazine | 16.47 | 200 | 122711 | 18.720 | ng/ul | 98 |
| 69) Pentachlorophenol | 16.64 | 266 | 77921 | 18.829 | ng/ul | 97 |
| 70) Phenanthrene | 17.03 | 178 | 684484 | 20.051 | ng/ul | 100 |
| 72) Anthracene | 17.12 | 178 | 698709 | 20.063 | ng/ul | 98 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.02 | 216 | 154305 | 17.677 | ng/uL | 98 |
| 74) Pentachlorobenzene | 14.54 | 250 | 164237 | 17.988 | ng/uL | 98 |
| 75) Carbazole | 17.41 | 167 | 649313 | 20.789 | ng/ul | 97 |
| 76) Di-n-butylphthalate | 17.96 | 149 | 730451 | 21.098 | ng/ul | 99 |
| 77) Fluoranthene | 19.06 | 202 | 808849 | 20.678 | ng/ul# | 85 |
| 80) Pyrene | 19.43 | 202 | 866214 | 18.171 | ng/ul# | 82 |
| 81) Butylbenzylphthalate | 20.34 | 149 | 378322 | 20.044 | ng/ul# | 88 |
| 82) 3,3'-Dichlorobenzidine | 21.13 | 252 | 348980 | 20.274 | ng/ul# | 98 |
| 83) Benzo(a)anthracene | 21.18 | 228 | 956786 | 20.062 | ng/ul | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.10 | 149 | 566507 | 20.707 | ng/ul# | 94 |
| 85) Chrysene | 21.23 | 228 | 900003 | 19.667 | ng/ul | 100 |
| 87) Di-n-octyl phthalate | 21.97 | 149 | 1083105 | 19.376 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.74 | 252 | 1085873 | 19.892 | ng/ul# | 96 |
| 89) Benzo(k)fluoranthene | 22.79 | 252 | 1026523 | 19.582 | ng/ul# | 97 |
| 91) Benzo(a)pyrene | 23.30 | 252 | 1021295 | 19.570 | ng/ul# | 95 |
| 92) Indeno(1,2,3-cd)pyrene | 25.61 | 276 | 1177808 | 18.023 | ng/ul# | 86 |
| 93) Dibenzo(a,h)anthracene | 25.62 | 278 | 1003420 | 18.011 | ng/ul# | 94 |
| 94) Benzo(g,h,i)perylene | 26.29 | 276 | 944175 | 17.290 | ng/ul# | 92 |

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

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