Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061118\
Data File : BM015598.D
Acq On : 11 Jun 2018 09:45
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 12 00:59:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 09 02:29:49 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.34 | 152 | 69389 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.17 | 136 | 354091 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.96 | 164 | 235493 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.68 | 188 | 582605 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.79 | 240 | 712285 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 24.20 | 264 | 783912 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.54 | 96 | 11612m | 8.13 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.48 | 99 | 121632 | 19.31 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.66 | 67 | 76338 | 20.06 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.86 | 132 | 99069 | 20.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.05 | 113 | 107121 | 19.74 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.53 | 128 | 48155 | 20.23 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.25 | 143 | 53861 | 21.03 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.79 | 165 | 110633 | 20.86 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.31 | 131 | 152888 | 25.87 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.36 | 166 | 394514 | 20.24 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.66 | 160 | 431040 | 20.50 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.15 | 143 | 71131 | 18.90 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.94 | 176 | 336966 | 20.42 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 61914 | 17.64 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.78 | 188 | 541821 | 20.40 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 20.03 | 212 | 626756 | 20.46 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.04 | 264 | 807846 | 20.56 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.58 | 88 | 12019m | 8.180 | ng/uL | |
| 4) Benzaldehyde | 7.47 | 77 | 77496 | 23.471 | ng/ul | 91 |
| 6) Phenol | 7.51 | 94 | 126584 | 19.344 | ng/ul# | 84 |
| 8) Bis(2-Chloroethyl)ether | 7.75 | 93 | 96016 | 19.790 | ng/ul# | 88 |
| 10) 2-Chlorophenol | 7.90 | 128 | 101156 | 20.380 | ng/ul | 92 |
| 11) 2-Methylphenol | 8.79 | 108 | 99592 | 19.879 | ng/ul | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.86 | 45 | 161901 | 19.942 | ng/ul# | 88 |
| 14) Acetophenone | 9.18 | 105 | 170845 | 20.121 | ng/ul# | 86 |
| 15) N-Nitroso-di-n-propylamine | 9.15 | 70 | 92056 | 20.491 | ng/ul# | 72 |
| 16) 4-Methylphenol | 9.12 | 108 | 109210 | 19.553 | ng/ul | 96 |
| 17) Hexachloroethane | 9.43 | 117 | 38835 | 19.850 | ng/ul | 90 |
| 20) Nitrobenzene | 9.57 | 77 | 133761m | 20.799 | ng/ul | |
| 21) Isophorone | 10.09 | 82 | 248490 | 20.210 | ng/ul | 97 |
| 23) 2-Nitrophenol | 10.29 | 139 | 60981 | 20.652 | ng/ul# | 85 |
| 24) 2,4-Dimethylphenol | 10.33 | 107 | 138051 | 21.131 | ng/ul | 96 |
| 25) Bis(2-Chloroethoxy)methane | 10.56 | 93 | 150191 | 20.432 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.82 | 162 | 109784 | 20.733 | ng/ul | 98 |
| 28) Naphthalene | 11.22 | 128 | 358546 | 20.230 | ng/ul | 99 |
| 30) 4-Chloroaniline | 11.33 | 127 | 157564 | 25.708 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 11.49 | 225 | 66100 | 20.351 | ng/ul | 97 |
| 32) Caprolactam | 12.10 | 113 | 40033 | 19.791 | ng/ul# | 59 |
| 33) 4-Chloro-3-methylphenol | 12.43 | 107 | 134526 | 21.339 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.80 | 142 | 278072 | 20.458 | ng/ul | 100 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061118\
Data File : BM015598.D
Acq On : 11 Jun 2018 09:45
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 12 00:59:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 09 02:29:49 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.17 | 216 | 137221 | 20.189 ng/ul | 99 |
| 37) Hexachlorocyclopentadiene | 13.13 | 237 | 36012 | 13.096 ng/ul | 95 |
| 38) 2,4,6-Trichlorophenol | 13.40 | 196 | 93953 | 21.094 ng/ul | 99 |
| 39) 2,4,5-Trichlorophenol | 13.48 | 196 | 103318 | 21.039 ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.80 | 154 | 372903 | 20.288 ng/ul | 98 |
| 41) 2-Chloronaphthalene | 13.84 | 162 | 288440 | 20.287 ng/ul | 97 |
| 42) 2-Nitroaniline | 14.05 | 65 | 94082 | 21.353 ng/ul# | 78 |
| 44) Dimethylphthalate | 14.40 | 163 | 403690 | 20.277 ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 14.54 | 165 | 75904 | 20.558 ng/ul# | 84 |
| 47) Acenaphthylene | 14.69 | 152 | 453609 | 20.665 ng/ul | 99 |
| 48) 3-Nitroaniline | 14.87 | 138 | 78993 | 21.043 ng/ul | 88 |
| 49) Acenaphthene | 15.02 | 153 | 329448 | 20.336 ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 15.09 | 184 | 30654 | 13.879 ng/ul# | 1 |
| 52) 4-Nitrophenol | 15.16 | 109 | 68404 | 20.490 ng/ul | 86 |
| 53) Dibenzofuran | 15.35 | 168 | 464158 | 20.364 ng/ul | 97 |
| 54) 2,4-Dinitrotoluene | 15.32 | 165 | 118663 | 20.697 ng/ul# | 76 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.57 | 232 | 91544 | 20.612 ng/ul# | 94 |
| 56) Diethylphthalate | 15.74 | 149 | 426978 | 20.405 ng/ul | 98 |
| 58) Fluorene | 15.99 | 166 | 385867 | 20.244 ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 15.97 | 204 | 191371 | 20.168 ng/ul | 99 |
| 60) 4-Nitroaniline | 16.02 | 138 | 89149 | 19.571 ng/ul | 87 |
| 63) 4,6-Dinitro-2-methylphenol | 16.08 | 198 | 66152 | 17.640 ng/ul | 92 |
| 64) N-Nitrosodiphenylamine | 16.19 | 169 | 343237 | 20.449 ng/ul | 98 |
| 65) 4-Bromophenyl-phenylether | 16.86 | 248 | 120066 | 20.276 ng/ul | 97 |
| 66) Hexachlorobenzene | 16.99 | 284 | 137641 | 19.887 ng/ul | 98 |
| 67) Atrazine | 17.12 | 200 | 129282 | 20.878 ng/ul | 99 |
| 68) Pentachlorophenol | 17.33 | 266 | 72782 | 18.279 ng/ul | 99 |
| 69) Phenanthrene | 17.72 | 178 | 649735 | 20.320 ng/ul | 99 |
| 71) Anthracene | 17.82 | 178 | 663429 | 20.371 ng/ul | 99 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.77 | 216 | 142936 | 20.343 ng/uL | 99 |
| 73) Pentachlorobenzene | 15.27 | 250 | 148962 | 20.172 ng/uL | 98 |
| 74) Carbazole | 18.08 | 167 | 610384 | 20.276 ng/ul | 99 |
| 75) Di-n-butylphthalate | 18.60 | 149 | 733824 | 20.256 ng/ul# | 99 |
| 76) Fluoranthene | 19.70 | 202 | 782694 | 19.963 ng/ul | 98 |
| 79) Pyrene | 20.06 | 202 | 818645 | 20.488 ng/ul | 99 |
| 80) Butylbenzylphthalate | 20.90 | 149 | 368503 | 20.648 ng/ul | 90 |
| 81) 3,3'-Dichlorobenzidine | 21.69 | 252 | 294847 | 20.279 ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.77 | 228 | 892747 | 20.671 ng/ul | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.65 | 149 | 547180 | 20.857 ng/ul | 97 |
| 84) Chrysene | 21.82 | 228 | 836582 | 20.644 ng/ul | 99 |
| 86) Di-n-octyl phthalate | 22.58 | 149 | 973236 | 19.728 ng/ul# | 88 |
| 87) Benzo(b)fluoranthene | 23.46 | 252 | 944594 | 20.274 ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 23.51 | 252 | 920945 | 20.947 ng/ul | 99 |
| 90) Benzo(a)pyrene | 24.09 | 252 | 909952 | 20.440 ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 26.69 | 276 | 1084203 | 19.442 ng/ul | 96 |
| 92) Dibenzo(a,h)anthracene | 26.69 | 278 | 902326 | 19.175 ng/ul | 98 |
| 93) Benzo(g,h,i)perylene | 27.46 | 276 | 892331 | 19.412 ng/ul | 97 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061118\
Data File : BM015598.D
Acq On : 11 Jun 2018 09:45
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jun 12 00:59:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 09 02:29:49 2018
Response via : Initial Calibration