Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062618\
Data File : BM015762.D
Acq On : 26 Jun 2018 11:59
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02028

Quant Time: Jun 27 10:48:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 26 01:35:35 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.32 | 152 | 95123 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.14 | 136 | 425526 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.93 | 164 | 242933 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.66 | 188 | 542027 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.77 | 240 | 602656 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 24.17 | 264 | 514711 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.53 | 96 | 15842 | 8.09 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.46 | 99 | 154395 | 17.88 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.63 | 67 | 94409 | 18.10 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.84 | 132 | 132422 | 20.05 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.03 | 113 | 128631 | 17.29 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.50 | 128 | 59734 | 20.88 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.23 | 143 | 65738 | 21.36 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.76 | 165 | 131520 | 20.64 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.28 | 131 | 168491 | 23.73 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.33 | 166 | 386120 | 19.20 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.63 | 160 | 444622 | 20.50 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.13 | 143 | 61215 | 15.77 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.92 | 176 | 326924 | 19.21 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.04 | 200 | 56715 | 17.37 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.76 | 188 | 506611 | 20.50 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 20.01 | 212 | 560189 | 21.61 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.02 | 264 | 532133 | 20.62 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.57 | 88 | 16516 | 8.200 | ng/uL | 89 |
| 4) Benzaldehyde | 7.45 | 77 | 101254 | 22.370 | ng/ul | 88 |
| 6) Phenol | 7.49 | 94 | 157461 | 17.553 | ng/ul# | 77 |
| 8) Bis(2-Chloroethyl)ether | 7.72 | 93 | 117733 | 17.701 | ng/ul# | 85 |
| 10) 2-Chlorophenol | 7.87 | 128 | 135513 | 19.916 | ng/ul# | 91 |
| 11) 2-Methylphenol | 8.76 | 108 | 122632 | 17.855 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.84 | 45 | 185690 | 16.685 | ng/ul# | 87 |
| 14) Acetophenone | 9.16 | 105 | 203604 | 17.492 | ng/ul# | 85 |
| 15) N-Nitroso-di-n-propylamine | 9.13 | 70 | 105224 | 17.085 | ng/ul# | 71 |
| 16) 4-Methylphenol | 9.09 | 108 | 130990 | 17.108 | ng/ul | 98 |
| 17) Hexachloroethane | 9.40 | 117 | 52126 | 19.435 | ng/ul | 97 |
| 20) Nitrobenzene | 9.55 | 77 | 166507 | 21.545 | ng/ul | 90 |
| 21) Isophorone | 10.06 | 82 | 274493 | 18.577 | ng/ul | 97 |
| 23) 2-Nitrophenol | 10.26 | 139 | 75802 | 21.362 | ng/ul# | 78 |
| 24) 2,4-Dimethylphenol | 10.30 | 107 | 162033 | 20.639 | ng/ul | 94 |
| 25) Bis(2-Chloroethoxy)methane | 10.54 | 93 | 163901 | 18.554 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.79 | 162 | 132482 | 20.820 | ng/ul | 96 |
| 28) Naphthalene | 11.19 | 128 | 426565 | 20.028 | ng/ul | 99 |
| 30) 4-Chloroaniline | 11.31 | 127 | 172063 | 23.361 | ng/ul | 97 |
| 31) Hexachlorobutadiene | 11.45 | 225 | 88684 | 22.721 | ng/ul | 98 |
| 32) Caprolactam | 12.09 | 113 | 36257 | 14.916 | ng/ul# | 65 |
| 33) 4-Chloro-3-methylphenol | 12.41 | 107 | 142457 | 18.804 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.78 | 142 | 309449 | 18.945 | ng/ul | 99 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062618\
Data File : BM015762.D
Acq On : 26 Jun 2018 11:59
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02028

Quant Time: Jun 27 10:48:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 26 01:35:35 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.14 | 216 | 155197 | 22.134 | ng/ul# | 96 |
| 37) Hexachlorocyclopentadiene | 13.10 | 237 | 37589 | 13.251 | ng/ul | 98 |
| 38) 2,4,6-Trichlorophenol | 13.38 | 196 | 99281 | 21.608 | ng/ul | 98 |
| 39) 2,4,5-Trichlorophenol | 13.46 | 196 | 108475 | 21.412 | ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.77 | 154 | 397591 | 20.969 | ng/ul | 100 |
| 41) 2-Chloronaphthalene | 13.82 | 162 | 310047 | 21.139 | ng/ul | 99 |
| 42) 2-Nitroaniline | 14.03 | 65 | 96629 | 21.260 | ng/ul# | 75 |
| 44) Dimethylphthalate | 14.38 | 163 | 393435 | 19.157 | ng/ul | 100 |
| 45) 2,6-Dinitrotoluene | 14.52 | 165 | 74196 | 19.480 | ng/ul# | 74 |
| 47) Acenaphthylene | 14.66 | 152 | 461792 | 20.393 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.85 | 138 | 73782 | 19.053 | ng/ul | 90 |
| 49) Acenaphthene | 15.00 | 153 | 335444 | 20.072 | ng/ul | 99 |
| 50) 2,4-Dinitrophenol | 15.07 | 184 | 45491 | 19.966 | ng/ul# | 1 |
| 52) 4-Nitrophenol | 15.14 | 109 | 67616 | 19.633 | ng/ul# | 80 |
| 53) Dibenzofuran | 15.33 | 168 | 465569 | 19.801 | ng/ul | 94 |
| 54) 2,4-Dinitrotoluene | 15.30 | 165 | 113665 | 19.218 | ng/ul# | 64 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.55 | 232 | 87504 | 19.099 | ng/ul# | 92 |
| 56) Diethylphthalate | 15.73 | 149 | 413075 | 19.136 | ng/ul | 99 |
| 58) Fluorene | 15.97 | 166 | 377529 | 19.200 | ng/ul | 98 |
| 59) 4-Chlorophenyl-phenylether | 15.96 | 204 | 190018 | 19.413 | ng/ul | 97 |
| 60) 4-Nitroaniline | 16.00 | 138 | 62724 | 13.348 | ng/ul# | 81 |
| 63) 4,6-Dinitro-2-methylphenol | 16.06 | 198 | 60198 | 17.254 | ng/ul# | 82 |
| 64) N-Nitrosodiphenylamine | 16.17 | 169 | 325400 | 20.838 | ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.84 | 248 | 114950 | 20.866 | ng/ul | 97 |
| 66) Hexachlorobenzene | 16.97 | 284 | 128285 | 19.923 | ng/ul | 98 |
| 67) Atrazine | 17.10 | 200 | 121322 | 21.059 | ng/ul | 97 |
| 68) Pentachlorophenol | 17.31 | 266 | 62878 | 16.974 | ng/ul | 97 |
| 69) Phenanthrene | 17.70 | 178 | 603888 | 20.301 | ng/ul | 99 |
| 71) Anthracene | 17.79 | 178 | 615550 | 20.316 | ng/ul | 100 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.75 | 216 | 155179 | 23.738 | ng/uL | 99 |
| 73) Pentachlorobenzene | 15.24 | 250 | 150844 | 21.957 | ng/uL | 98 |
| 74) Carbazole | 18.06 | 167 | 542280 | 19.362 | ng/ul | 99 |
| 75) Di-n-butylphthalate | 18.58 | 149 | 697790 | 20.703 | ng/ul# | 98 |
| 76) Fluoranthene | 19.68 | 202 | 709804 | 19.460 | ng/ul | 97 |
| 79) Pyrene | 20.04 | 202 | 726153 | 21.479 | ng/ul | 97 |
| 80) Butylbenzylphthalate | 20.89 | 149 | 347214 | 22.995 | ng/ul | 89 |
| 81) 3,3'-Dichlorobenzidine | 21.67 | 252 | 234347 | 19.050 | ng/ul | 98 |
| 82) Benzo(a)anthracene | 21.75 | 228 | 746932 | 20.441 | ng/ul | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.63 | 149 | 507793 | 22.876 | ng/ul | 96 |
| 84) Chrysene | 21.80 | 228 | 683888 | 19.946 | ng/ul | 99 |
| 86) Di-n-octyl phthalate | 22.56 | 149 | 873204 | 26.957 | ng/ul# | 86 |
| 87) Benzo(b)fluoranthene | 23.44 | 252 | 655195 | 21.417 | ng/ul | 98 |
| 88) Benzo(k)fluoranthene | 23.49 | 252 | 647613 | 22.434 | ng/ul | 99 |
| 90) Benzo(a)pyrene | 24.07 | 252 | 601551 | 20.580 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 26.65 | 276 | 639514 | 17.465 | ng/ul# | 93 |
| 92) Dibenzo(a,h)anthracene | 26.66 | 278 | 540176 | 17.483 | ng/ul | 96 |
| 93) Benzo(g,h,i)perylene | 27.41 | 276 | 510963 | 16.929 | ng/ul# | 95 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062618\
Data File : BM015762.D
Acq On : 26 Jun 2018 11:59
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD02028

Quant Time: Jun 27 10:48:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 26 01:35:35 2018
Response via : Initial Calibration