Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080918\
Data File : BN002280.D
Acq On : 10 Aug 2018 01:15
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD02031

Quant Time: Aug 10 02:03:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 10 02:01:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 272791 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.46 | 136 | 1184741 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.32 | 164 | 609609 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.06 | 188 | 1129183 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.26 | 240 | 923132 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.49 | 264 | 949483 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.25 | 96 | 46100 | 7.63 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.86 | 99 | 458084 | 17.83 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.03 | 67 | 294691 | 18.83 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.22 | 132 | 373186 | 18.39 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.39 | 113 | 357008 | 17.25 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.83 | 128 | 188614 | 19.22 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.55 | 143 | 199869 | 18.01 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.09 | 165 | 354935 | 17.67 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.60 | 131 | 467891 | 20.26 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.73 | 166 | 932031 | 18.04 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.00 | 160 | 1236294 | 19.23 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.53 | 143 | 138480 | 14.03 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.31 | 176 | 791839 | 17.82 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 126763 | 17.24 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.16 | 188 | 1047317 | 19.02 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.46 | 212 | 956033 | 19.92 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.34 | 264 | 965982 | 18.84 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 46298 | 7.629 | ng/uL# | 93 |
| 4) Benzaldehyde | 6.84 | 77 | 310677 | 20.389 | ng/ul | 96 |
| 6) Phenol | 6.89 | 94 | 467186 | 18.110 | ng/ul | 95 |
| 8) Bis(2-Chloroethyl)ether | 7.12 | 93 | 363501 | 18.479 | ng/ul# | 86 |
| 10) 2-Chlorophenol | 7.26 | 128 | 368596 | 18.212 | ng/ul# | 92 |
| 11) 2-Methylphenol | 8.13 | 108 | 344203 | 17.348 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.22 | 45 | 604522 | 18.694 | ng/ul# | 85 |
| 14) Acetophenone | 8.50 | 105 | 582328 | 18.542 | ng/ul# | 92 |
| 15) N-Nitroso-di-n-propylamine | 8.49 | 70 | 301760 | 17.534 | ng/ul# | 84 |
| 16) 4-Methylphenol | 8.45 | 108 | 374302 | 17.386 | ng/ul | 98 |
| 17) Hexachloroethane | 8.75 | 117 | 155650 | 19.457 | ng/ul | 98 |
| 20) Nitrobenzene | 8.87 | 77 | 442508 | 19.587 | ng/ul | 95 |
| 21) Isophorone | 9.39 | 82 | 808658 | 17.890 | ng/ul | 97 |
| 23) 2-Nitrophenol | 9.58 | 139 | 213398 | 18.774 | ng/ul | 89 |
| 24) 2,4-Dimethylphenol | 9.65 | 107 | 415508 | 18.258 | ng/ul | 96 |
| 25) Bis(2-Chloroethoxy)methane | 9.88 | 93 | 489809 | 18.001 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.11 | 162 | 347715 | 18.029 | ng/ul | 99 |
| 28) Naphthalene | 10.51 | 128 | 1187113 | 18.966 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.62 | 127 | 460178 | 20.284 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.79 | 225 | 223072 | 19.517 | ng/ul | 99 |
| 32) Caprolactam | 11.37 | 113 | 99252 | 13.846 | ng/ul# | 66 |
| 33) 4-Chloro-3-methylphenol | 11.75 | 107 | 358353 | 16.519 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.12 | 142 | 815975 | 17.873 | ng/ul | 98 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080918\
Data File : BN002280.D
Acq On : 10 Aug 2018 01:15
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD02031

Quant Time: Aug 10 02:03:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 10 02:01:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 408751 | 20.678 ng/ul | 99 |
| 37) Hexachlorocyclopentadiene | 12.47 | 237 | 236015 | 18.823 ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 12.74 | 196 | 255441 | 18.800 ng/ul | 98 |
| 39) 2,4,5-Trichlorophenol | 12.82 | 196 | 259093 | 18.052 ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.15 | 154 | 1021429 | 20.133 ng/ul | 99 |
| 41) 2-Chloronaphthalene | 13.19 | 162 | 793742 | 20.121 ng/ul | 97 |
| 42) 2-Nitroaniline | 13.39 | 65 | 234902 | 18.520 ng/ul# | 82 |
| 44) Dimethylphthalate | 13.77 | 163 | 925316 | 18.282 ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.90 | 165 | 190597 | 17.817 ng/ul | 95 |
| 47) Acenaphthylene | 14.03 | 152 | 1191377 | 19.305 ng/ul | 99 |
| 48) 3-Nitroaniline | 14.23 | 138 | 190261 | 18.043 ng/ul | 93 |
| 49) Acenaphthene | 14.38 | 153 | 817103 | 19.183 ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 14.44 | 184 | 80229 | 12.750 ng/ul# | 1 |
| 52) 4-Nitrophenol | 14.55 | 109 | 105534 | 15.295 ng/ul# | 80 |
| 53) Dibenzofuran | 14.72 | 168 | 1114361 | 18.516 ng/ul | 97 |
| 54) 2,4-Dinitrotoluene | 14.69 | 165 | 256900 | 16.558 ng/ul# | 88 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.95 | 232 | 203765 | 16.168 ng/ul | 98 |
| 56) Diethylphthalate | 15.15 | 149 | 887085 | 17.260 ng/ul | 100 |
| 58) Fluorene | 15.37 | 166 | 880852 | 18.333 ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 15.36 | 204 | 435829 | 18.263 ng/ul | 95 |
| 60) 4-Nitroaniline | 15.39 | 138 | 184449 | 15.109 ng/ul | 92 |
| 63) 4,6-Dinitro-2-methylphenol | 15.46 | 198 | 134341 | 17.642 ng/ul | 99 |
| 64) N-Nitrosodiphenylamine | 15.58 | 169 | 731270 | 21.173 ng/ul | 98 |
| 65) 4-Bromophenyl-phenylether | 16.26 | 248 | 253364 | 20.391 ng/ul# | 89 |
| 66) Hexachlorobenzene | 16.37 | 284 | 270285 | 19.657 ng/ul | 92 |
| 67) Atrazine | 16.53 | 200 | 236119 | 18.946 ng/ul | 98 |
| 68) Pentachlorophenol | 16.72 | 266 | 126379 | 16.158 ng/ul | 98 |
| 69) Phenanthrene | 17.10 | 178 | 1234138 | 19.462 ng/ul | 99 |
| 71) Anthracene | 17.20 | 178 | 1252058 | 19.387 ng/ul | 99 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.11 | 216 | 416603 | 24.743 ng/uL | 98 |
| 73) Pentachlorobenzene | 14.64 | 250 | 353503 | 22.445 ng/uL | 99 |
| 74) Carbazole | 17.47 | 167 | 1018289 | 18.639 ng/ul | 100 |
| 75) Di-n-butylphthalate | 18.04 | 149 | 1285064 | 17.790 ng/ul | 100 |
| 76) Fluoranthene | 19.13 | 202 | 1211189 | 17.998 ng/ul | 100 |
| 79) Pyrene | 19.49 | 202 | 1216546 | 20.537 ng/ul | 99 |
| 80) Butylbenzylphthalate | 20.40 | 149 | 502447 | 17.858 ng/ul | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.18 | 252 | 363292 | 18.560 ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.24 | 228 | 1116468 | 18.988 ng/ul | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 720924 | 18.097 ng/ul | 99 |
| 84) Chrysene | 21.30 | 228 | 1034751 | 18.882 ng/ul | 100 |
| 86) Di-n-octyl phthalate | 22.06 | 149 | 1195817 | 19.176 ng/ul# | 93 |
| 87) Benzo(b)fluoranthene | 22.82 | 252 | 1121721 | 19.195 ng/ul | 100 |
| 88) Benzo(k)fluoranthene | 22.86 | 252 | 1035223 | 18.647 ng/ul | 100 |
| 90) Benzo(a)pyrene | 23.39 | 252 | 1058902 | 19.070 ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 25.71 | 276 | 1264688 | 19.703 ng/ul | 98 |
| 92) Dibenzo(a,h)anthracene | 25.72 | 278 | 1054282 | 19.626 ng/ul | 99 |
| 93) Benzo(g,h,i)perylene | 26.39 | 276 | 1059434 | 19.643 ng/ul | 96 |

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080918\
Data File : BN002280.D
Acq On : 10 Aug 2018 01:15
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD02031

Quant Time: Aug 10 02:03:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 10 02:01:28 2018
Response via : Initial Calibration