Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005466.D
Acq On : 03 May 2019 23:56
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD02095

Quant Time: May 04 00:58:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 327122 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.35 | 136 | 1404075 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.22 | 164 | 843365 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.97 | 188 | 1866687 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.21 | 240 | 1673422 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.41 | 264 | 1752622 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.22 | 96 | 48705 | 7.19 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 478187 | 18.61 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.94 | 67 | 264311 | 16.49 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 385963 | 19.63 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.29 | 113 | 387595 | 19.30 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.73 | 128 | 201579 | 23.33 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.45 | 143 | 222360 | 25.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.97 | 165 | 420972 | 20.96 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.49 | 131 | 520673 | 25.14 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.64 | 166 | 1217649 | 19.89 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.91 | 160 | 1533693 | 20.40 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.44 | 143 | 181900 | 18.82 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.22 | 176 | 1029972 | 20.05 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 185571 | 22.10 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.07 | 188 | 1548884 | 19.79 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.39 | 212 | 1679304 | 19.62 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.27 | 264 | 1561674 | 20.39 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.25 | 88 | 48674 | 6.680 | ng/uL | 99 |
| 4) Benzaldehyde | 6.75 | 77 | 326962 | 17.958 | ng/ul | 98 |
| 6) Phenol | 6.80 | 94 | 486397 | 18.405 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.03 | 93 | 373933 | 17.672 | ng/ul | 93 |
| 10) 2-Chlorophenol | 7.16 | 128 | 395835 | 19.473 | ng/ul | 96 |
| 11) 2-Methylphenol | 8.03 | 108 | 375488 | 18.962 | ng/ul | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.12 | 45 | 531882 | 14.970 | ng/ul# | 94 |
| 14) Acetophenone | 8.40 | 105 | 632889 | 19.690 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.39 | 70 | 312472 | 18.174 | ng/ul# | 90 |
| 16) 4-Methylphenol | 8.36 | 108 | 415845 | 19.445 | ng/ul | 98 |
| 17) Hexachloroethane | 8.65 | 117 | 164834 | 18.674 | ng/ul | 92 |
| 20) Nitrobenzene | 8.78 | 77 | 459417 | 19.317 | ng/ul | 93 |
| 21) Isophorone | 9.29 | 82 | 871879 | 18.515 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.47 | 139 | 236787 | 23.851 | ng/ul | 97 |
| 24) 2,4-Dimethylphenol | 9.54 | 107 | 456709 | 18.373 | ng/ul | 97 |
| 25) Bis(2-Chloroethoxy)methane | 9.78 | 93 | 530738 | 17.935 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.00 | 162 | 416286 | 21.004 | ng/ul | 97 |
| 28) Naphthalene | 10.40 | 128 | 1287115 | 19.719 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.52 | 127 | 525239 | 24.899 | ng/ul | 98 |
| 31) Hexachlorobutadiene | 10.69 | 225 | 291718 | 20.843 | ng/ul | 96 |
| 32) Caprolactam | 11.27 | 113 | 127042 | 21.186 | ng/ul | 84 |
| 33) 4-Chloro-3-methylphenol | 11.65 | 107 | 430794 | 19.303 | ng/ul | 94 |
| 34) 2-Methylnaphthalene | 12.02 | 142 | 948887 | 19.854 | ng/ul | 98 |

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**Instrument :** BNA_N
**ClientSampleId :** SSTD02095

Quant Time: May 04 00:58:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.40 | 216 | 549934 | 21.070 ng/ul# | 95 |
| 37) Hexachlorocyclopentadiene | 12.37 | 237 | 294888 | 16.571 ng/ul | 96 |
| 38) 2,4,6-Trichlorophenol | 12.65 | 196 | 341651 | 21.708 ng/ul | 97 |
| 39) 2,4,5-Trichlorophenol | 12.72 | 196 | 357048 | 21.112 ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.05 | 154 | 1231722 | 19.601 ng/ul | 98 |
| 41) 2-Chloronaphthalene | 13.09 | 162 | 975383 | 20.182 ng/ul | 97 |
| 42) 2-Nitroaniline | 13.30 | 65 | 273569 | 21.342 ng/ul | 89 |
| 44) Dimethylphthalate | 13.69 | 163 | 1196565 | 19.615 ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.81 | 165 | 251498 | 23.877 ng/ul# | 87 |
| 47) Acenaphthylene | 13.94 | 152 | 1475797 | 19.971 ng/ul | 99 |
| 48) 3-Nitroaniline | 14.13 | 138 | 243291 | 24.845 ng/ul# | 87 |
| 49) Acenaphthene | 14.29 | 153 | 999163 | 19.806 ng/ul | 100 |
| 50) 2,4-Dinitrophenol | 14.35 | 184 | 93046 | 18.135 ng/ul | 90 |
| 52) 4-Nitrophenol | 14.46 | 109 | 153713 | 17.518 ng/ul | 91 |
| 53) Dibenzofuran | 14.63 | 168 | 1455822 | 20.044 ng/ul | 95 |
| 54) 2,4-Dinitrotoluene | 14.60 | 165 | 354155 | 23.323 ng/ul | 92 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.86 | 232 | 312503 | 22.212 ng/ul# | 92 |
| 56) Diethylphthalate | 15.06 | 149 | 1168427 | 19.102 ng/ul | 98 |
| 58) Fluorene | 15.28 | 166 | 1145148 | 20.205 ng/ul | 98 |
| 59) 4-Chlorophenyl-phenylether | 15.28 | 204 | 619181 | 20.594 ng/ul | 96 |
| 60) 4-Nitroaniline | 15.30 | 138 | 260395 | 21.330 ng/ul | 93 |
| 63) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 192687 | 21.564 ng/ul# | 90 |
| 64) N-Nitrosodiphenylamine | 15.49 | 169 | 1002779 | 19.628 ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.17 | 248 | 386486 | 20.552 ng/ul | 96 |
| 66) Hexachlorobenzene | 16.29 | 284 | 421731 | 21.060 ng/ul | 93 |
| 67) Atrazine | 16.46 | 200 | 372060 | 19.561 ng/ul | 98 |
| 68) Pentachlorophenol | 16.63 | 266 | 226851 | 19.347 ng/ul | 98 |
| 69) Phenanthrene | 17.02 | 178 | 1785817 | 19.644 ng/ul | 99 |
| 71) Anthracene | 17.11 | 178 | 1812268 | 19.569 ng/ul | 99 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.01 | 216 | 565647 | 20.746 ng/uL | 99 |
| 73) Pentachlorobenzene | 14.55 | 250 | 512846 | 20.899 ng/uL | 100 |
| 74) Carbazole | 17.39 | 167 | 1571533 | 19.754 ng/ul | 99 |
| 75) Di-n-butylphthalate | 17.96 | 149 | 1892975 | 18.964 ng/ul | 100 |
| 76) Fluoranthene | 19.05 | 202 | 2068190 | 20.510 ng/ul | 96 |
| 79) Pyrene | 19.42 | 202 | 2091641 | 19.413 ng/ul# | 94 |
| 80) Butylbenzylphthalate | 20.35 | 149 | 840971 | 19.714 ng/ul | 90 |
| 81) 3,3'-Dichlorobenzidine | 21.13 | 252 | 702976 | 21.026 ng/ul# | 99 |
| 82) Benzo(a)anthracene | 21.19 | 228 | 2049928 | 19.691 ng/ul | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 1236289 | 18.821 ng/ul# | 98 |
| 84) Chrysene | 21.24 | 228 | 1935317 | 20.031 ng/ul | 98 |
| 86) Di-n-octyl phthalate | 22.02 | 149 | 2131220 | 19.854 ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.76 | 252 | 1987499 | 20.174 ng/ul# | 98 |
| 88) Benzo(k)fluoranthene | 22.80 | 252 | 1910906 | 20.309 ng/ul | 98 |
| 90) Benzo(a)pyrene | 23.32 | 252 | 1863596 | 20.124 ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.60 | 276 | 2119002 | 20.697 ng/ul | 98 |
| 92) Dibenzo(a,h)anthracene | 25.61 | 278 | 1807645 | 20.804 ng/ul# | 96 |
| 93) Benzo(g,h,i)perylene | 26.27 | 276 | 1723479 | 20.358 ng/ul# | 95 |

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

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Quant Title : SVOA CALIBRATION
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