Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN010319\
Data File : BN004314.D
Acq On : 03 Jan 2019 12:47
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD02047

Quant Time: Jan 04 00:51:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.81 | 152 | 34639 | 20.00 | ng/ul | -0.01 |
| 18) Naphthalene-d8 | 10.60 | 136 | 147814 | 20.00 | ng/ul | -0.01 |
| 35) Acenaphthene-d10 | 14.45 | 164 | 81315 | 20.00 | ng/ul | -0.01 |
| 61) Phenanthrene-d10 | 17.20 | 188 | 167308 | 20.00 | ng/ul | -0.01 |
| 77) Chrysene-d12 | 21.39 | 240 | 160549 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.70 | 264 | 161665 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.27 | 96 | 5720 | 10.81 | ng/uL | -0.01 |
| 5) Phenol-d5 | 6.98 | 99 | 59014 | 17.33 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.15 | 67 | 34700 | 18.72 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4 | 7.34 | 132 | 51179 | 19.18 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.52 | 113 | 47323 | 16.58 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 8.98 | 128 | 24171 | 20.64 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4 | 9.70 | 143 | 27873 | 21.01 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.23 | 165 | 48899 | 20.10 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.75 | 131 | 46632 | 20.48 | ng/ul | -0.01 |
| 43) Dimethylphthalate-d6 | 13.86 | 166 | 135362 | 18.65 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.15 | 160 | 173980 | 20.20 | ng/ul | -0.01 |
| 51) 4-Nitrophenol-d4 | 14.67 | 143 | 21357 | 14.23 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.45 | 176 | 116917 | 18.63 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 19722 | 16.37 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.30 | 188 | 167855 | 19.85 | ng/ul | -0.01 |
| 78) Pyrene-d10 | 19.60 | 212 | 166694 | 23.21 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.56 | 264 | 179161 | 20.43 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.30 | 88 | 6158 | 10.575 | ng/uL# | 84 |
| 4) Benzaldehyde | 6.96 | 77 | 10931 | 18.780 | ng/ul | 98 |
| 6) Phenol | 7.00 | 94 | 59414 | 17.285 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 7.24 | 93 | 45879 | 18.583 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.38 | 128 | 50646 | 19.014 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.25 | 108 | 45486 | 17.109 | ng/ul | 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.33 | 45 | 62676 | 18.464 | ng/ul | 99 |
| 14) Acetophenone | 8.63 | 105 | 71249 | 16.694 | ng/ul | 99 |
| 15) N-Nitroso-di-n-propylamine | 8.61 | 70 | 34375 | 16.311 | ng/ul | 100 |
| 16) 4-Methylphenol | 8.58 | 108 | 48136 | 16.474 | ng/ul | 95 |
| 17) Hexachloroethane | 8.88 | 117 | 19102 | 19.722 | ng/ul | 98 |
| 20) Nitrobenzene | 9.02 | 77 | 51021 | 20.115 | ng/ul | 99 |
| 21) Isophorone | 9.53 | 82 | 97601 | 18.527 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.73 | 139 | 29172 | 20.916 | ng/ul | 97 |
| 24) 2,4-Dimethylphenol | 9.77 | 107 | 53132 | 19.670 | ng/ul | 98 |
| 25) Bis(2-Chloroethoxy)methane | 10.02 | 93 | 62101 | 19.698 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.26 | 162 | 46811 | 19.847 | ng/ul | 99 |
| 28) Naphthalene | 10.66 | 128 | 158431 | 19.977 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.77 | 127 | 47270 | 20.449 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.92 | 225 | 28947 | 21.097 | ng/ul | 98 |
| 32) Caprolactam | 11.55 | 113 | 13950 | 14.737 | ng/ul | 98 |
| 33) 4-Chloro-3-methylphenol | 11.90 | 107 | 48264 | 17.720 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.27 | 142 | 112401 | 18.819 | ng/ul | 98 |

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**ClientSampleId :** SSTD02047

Quant Time: Jan 04 00:51:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.63 | 216 | 55123 | 22.076 | ng/ul | 98 |
| 37) Hexachlorocyclopentadiene | 12.59 | 237 | 26711 | 17.418 | ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 12.88 | 196 | 35117 | 20.889 | ng/ul | 99 |
| 39) 2,4,5-Trichlorophenol | 12.96 | 196 | 37736 | 20.298 | ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.28 | 154 | 141240 | 21.366 | ng/ul | 99 |
| 41) 2-Chloronaphthalene | 13.33 | 162 | 108847 | 21.146 | ng/ul | 100 |
| 42) 2-Nitroaniline | 13.55 | 65 | 27719 | 19.178 | ng/ul | 99 |
| 44) Dimethylphthalate | 13.90 | 163 | 131949 | 18.621 | ng/ul | 100 |
| 45) 2,6-Dinitrotoluene | 14.04 | 165 | 27603 | 19.191 | ng/ul | 99 |
| 47) Acenaphthylene | 14.17 | 152 | 165072 | 20.121 | ng/ul | 100 |
| 48) 3-Nitroaniline | 14.37 | 138 | 26565 | 18.164 | ng/ul | 97 |
| 49) Acenaphthene | 14.52 | 153 | 116262 | 19.901 | ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 14.60 | 184 | 18256 | 19.583 | ng/ul | 98 |
| 52) 4-Nitrophenol | 14.69 | 109 | 12952 | 13.668 | ng/ul | 92 |
| 53) Dibenzofuran | 14.85 | 168 | 160238 | 19.323 | ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 14.83 | 165 | 39106 | 17.475 | ng/ul | 95 |
| 55) 2,3,4,6-Tetrachlorophenol | 15.08 | 232 | 30148 | 17.328 | ng/ul | 97 |
| 56) Diethylphthalate | 15.26 | 149 | 129619 | 17.891 | ng/ul | 99 |
| 58) Fluorene | 15.50 | 166 | 128560 | 18.619 | ng/ul | 98 |
| 59) 4-Chlorophenyl-phenylether | 15.49 | 204 | 64613 | 18.886 | ng/ul | 99 |
| 60) 4-Nitroaniline | 15.54 | 138 | 26803 | 14.744 | ng/ul | 97 |
| 63) 4,6-Dinitro-2-methylphenol | 15.60 | 198 | 19988 | 16.144 | ng/ul# | 99 |
| 64) N-Nitrosodiphenylamine | 15.71 | 169 | 110567 | 21.836 | ng/ul | 99 |
| 65) 4-Bromophenyl-phenylether | 16.39 | 248 | 41682 | 22.161 | ng/ul | 95 |
| 66) Hexachlorobenzene | 16.50 | 284 | 49776 | 21.153 | ng/ul | 99 |
| 67) Atrazine | 16.65 | 200 | 36159 | 19.591 | ng/ul | 99 |
| 68) Pentachlorophenol | 16.85 | 266 | 26024 | 19.371 | ng/ul | 98 |
| 69) Phenanthrene | 17.24 | 178 | 192288 | 19.891 | ng/ul | 100 |
| 71) Anthracene | 17.33 | 178 | 196946 | 19.875 | ng/ul | 99 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.25 | 216 | 53979 | 25.762 | ng/uL | 99 |
| 73) Pentachlorobenzene | 14.77 | 250 | 56513 | 23.605 | ng/uL | 100 |
| 74) Carbazole | 17.61 | 167 | 170861 | 18.765 | ng/ul | 100 |
| 75) Di-n-butylphthalate | 18.15 | 149 | 210367 | 19.603 | ng/ul | 100 |
| 76) Fluoranthene | 19.26 | 202 | 209226 | 17.658 | ng/ul | 98 |
| 79) Pyrene | 19.63 | 202 | 209979 | 23.411 | ng/ul | 98 |
| 80) Butylbenzylphthalate | 20.51 | 149 | 88731 | 22.140 | ng/ul | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.31 | 252 | 65227 | 17.660 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.37 | 228 | 200358 | 20.013 | ng/ul | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 129775 | 21.197 | ng/ul | 99 |
| 84) Chrysene | 21.43 | 228 | 186806 | 19.921 | ng/ul | 100 |
| 86) Di-n-octyl phthalate | 22.17 | 149 | 209602 | 23.070 | ng/ul | 99 |
| 87) Benzo(b)fluoranthene | 23.00 | 252 | 199294 | 20.579 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 23.05 | 252 | 193233 | 21.310 | ng/ul | 99 |
| 90) Benzo(a)pyrene | 23.61 | 252 | 188051 | 20.163 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 26.06 | 276 | 232636 | 19.136 | ng/ul | 99 |
| 92) Dibenzo(a,h)anthracene | 26.07 | 278 | 194942 | 19.290 | ng/ul | 99 |
| 93) Benzo(g,h,i)perylene | 26.79 | 276 | 192607 | 18.929 | ng/ul | 100 |

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

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Quant Title : SVOA CALIBRATION
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