Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
Data File : BN008752.D
Acq On : 27 Nov 2019 11:57
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDCCC020

Quant Time: Nov 27 12:44:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 12:15:38 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 363089 | 20.00 | ng/ul | -0.05 |
| 18) Naphthalene-d8 | 10.35 | 136 | 1719169 | 20.00 | ng/ul | -0.05 |
| 35) Acenaphthene-d10 | 14.22 | 164 | 1227500 | 20.00 | ng/ul | -0.04 |
| 61) Phenanthrene-d10 | 16.96 | 188 | 2828749 | 20.00 | ng/ul | -0.05 |
| 77) Chrysene-d12 | 21.16 | 240 | 2802229 | 20.00 | ng/ul | -0.04 |
| 85) Perylene-d12 | 23.32 | 264 | 3240707 | 20.00 | ng/ul | -0.06 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.18 | 96 | 67076 | 7.49 | ng/uL | -0.04 |
| 5) Phenol-d5 | 6.78 | 99 | 721105 | 22.64 | ng/ul | -0.05 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.93 | 67 | 457827 | 23.46 | ng/ul | -0.05 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 522490 | 21.35 | ng/ul | -0.05 |
| 13) 4-Methylphenol-d8 | 8.29 | 113 | 579416 | 23.41 | ng/ul | -0.05 |
| 19) Nitrobenzene-d5 | 8.73 | 128 | 258241 | 22.04 | ng/ul | -0.05 |
| 22) 2-Nitrophenol-d4 | 9.44 | 143 | 283653 | 25.79 | ng/ul | -0.05 |
| 26) 2,4-Dichlorophenol-d3 | 9.98 | 165 | 569381 | 20.29 | ng/ul | -0.05 |
| 29) 4-Chloroaniline-d4 | 10.48 | 131 | 820209 | 24.95 | ng/ul | -0.05 |
| 43) Dimethylphthalate-d6 | 13.63 | 166 | 1964730 | 20.22 | ng/ul | -0.05 |
| 46) Acenaphthylene-d8 | 13.90 | 160 | 2234291 | 20.16 | ng/ul | -0.05 |
| 51) 4-Nitrophenol-d4 | 14.42 | 143 | 400605 | 26.60 | ng/ul | -0.04 |
| 57) Fluorene-d10 | 15.21 | 176 | 1669402 | 20.68 | ng/ul | -0.05 |
| 62) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 307230 | 28.45 | ng/ul | -0.04 |
| 70) Anthracene-d10 | 17.06 | 188 | 2712630 | 20.23 | ng/ul | -0.04 |
| 78) Pyrene-d10 | 19.36 | 212 | 3065628 | 19.16 | ng/ul | -0.04 |
| 89) Benzo(a)pyrene-d12 | 23.19 | 264 | 3342658 | 19.86 | ng/ul | -0.05 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 75563 | 8.356 | ng/uL | 91 |
| 4) Benzaldehyde | 6.74 | 77 | 322365 | 17.669 | ng/ul | 99 |
| 6) Phenol | 6.80 | 94 | 768562 | 23.368 | ng/ul | 95 |
| 8) Bis(2-Chloroethyl)ether | 7.02 | 93 | 573958 | 22.749 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.16 | 128 | 546752 | 21.807 | ng/ul | 94 |
| 11) 2-Methylphenol | 8.03 | 108 | 572636 | 23.216 | ng/ul | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.12 | 45 | 1153205 | 27.726 | ng/ul | 96 |
| 14) Acetophenone | 8.40 | 105 | 957696 | 23.985 | ng/ul | 96 |
| 15) N-Nitroso-di-n-propylamine | 8.39 | 70 | 508649 | 24.334 | ng/ul | 96 |
| 16) 4-Methylphenol | 8.36 | 108 | 648253 | 24.329 | ng/ul | 99 |
| 17) Hexachloroethane | 8.65 | 117 | 214918 | 20.025 | ng/ul | 95 |
| 20) Nitrobenzene | 8.76 | 77 | 710750 | 22.061 | ng/ul | 95 |
| 21) Isophorone | 9.29 | 82 | 1470335 | 21.618 | ng/ul | 98 |
| 23) 2-Nitrophenol | 9.47 | 139 | 318689 | 25.668 | ng/ul | 96 |
| 24) 2,4-Dimethylphenol | 9.54 | 107 | 714506 | 20.193 | ng/ul | 96 |
| 25) Bis(2-Chloroethoxy)methane | 9.78 | 93 | 863002 | 21.758 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.00 | 162 | 571857 | 20.979 | ng/ul | 98 |
| 28) Naphthalene | 10.40 | 128 | 1896782 | 20.970 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.50 | 127 | 858434 | 25.526 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.69 | 225 | 309115 | 16.791 | ng/ul | 99 |
| 32) Caprolactam | 11.28 | 113 | 136605 | 15.067 | ng/ul | 85 |
| 33) 4-Chloro-3-methylphenol | 11.64 | 107 | 742047 | 22.900 | ng/ul | 96 |
| 34) 2-Methylnaphthalene | 12.01 | 142 | 1447381 | 21.788 | ng/ul | 99 |

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|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.39 | 216 | 696357 | 18.607 ng/ul | 100 |
| 37) Hexachlorocyclopentadiene | 12.38 | 237 | 355163 | 15.998 ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 12.63 | 196 | 485093 | 21.093 ng/ul | 97 |
| 39) 2,4,5-Trichlorophenol | 12.70 | 196 | 537603 | 21.872 ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.04 | 154 | 1927636 | 20.385 ng/ul | 97 |
| 41) 2-Chloronaphthalene | 13.08 | 162 | 1466958 | 20.227 ng/ul | 98 |
| 42) 2-Nitroaniline | 13.28 | 65 | 553812 | 28.414 ng/ul | 98 |
| 44) Dimethylphthalate | 13.68 | 163 | 1961851 | 20.856 ng/ul | 99 |
| 45) 2,6-Dinitrotoluene | 13.79 | 165 | 388827 | 27.474 ng/ul | 89 |
| 47) Acenaphthylene | 13.93 | 152 | 2357158 | 21.070 ng/ul | 99 |
| 48) 3-Nitroaniline | 14.12 | 138 | 371043 | 25.157 ng/ul# | 94 |
| 49) Acenaphthene | 14.27 | 153 | 1662066 | 21.568 ng/ul | 98 |
| 50) 2,4-Dinitrophenol | 14.32 | 184 | 193105 | 29.717 ng/ul | 96 |
| 52) 4-Nitrophenol | 14.43 | 109 | 313831 | 21.226 ng/ul# | 79 |
| 53) Dibenzofuran | 14.62 | 168 | 2370037 | 21.284 ng/ul | 97 |
| 54) 2,4-Dinitrotoluene | 14.58 | 165 | 593384 | 28.439 ng/ul | 99 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.85 | 232 | 481555 | 23.766 ng/ul | 98 |
| 56) Diethylphthalate | 15.06 | 149 | 2008370 | 20.756 ng/ul | 99 |
| 58) Fluorene | 15.26 | 166 | 1962535 | 22.289 ng/ul | 97 |
| 59) 4-Chlorophenyl-phenylether | 15.27 | 204 | 934103 | 21.314 ng/ul | 97 |
| 60) 4-Nitroaniline | 15.28 | 138 | 444086 | 25.256 ng/ul | 89 |
| 63) 4,6-Dinitro-2-methylphenol | 15.35 | 198 | 335446 | 27.808 ng/ul | 99 |
| 64) N-Nitrosodiphenylamine | 15.48 | 169 | 1730768 | 20.430 ng/ul | 94 |
| 65) 4-Bromophenyl-phenylether | 16.16 | 248 | 583037 | 19.929 ng/ul | 98 |
| 66) Hexachlorobenzene | 16.27 | 284 | 612953 | 19.810 ng/ul | 96 |
| 67) Atrazine | 16.44 | 200 | 616750 | 19.973 ng/ul | 98 |
| 68) Pentachlorophenol | 16.62 | 266 | 388368 | 21.927 ng/ul | 95 |
| 69) Phenanthrene | 17.00 | 178 | 3229648 | 21.078 ng/ul | 99 |
| 71) Anthracene | 17.09 | 178 | 3326277 | 21.244 ng/ul | 99 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.00 | 216 | 693573 | 17.711 ng/uL | 95 |
| 73) Pentachlorobenzene | 14.54 | 250 | 701049 | 18.327 ng/uL | 98 |
| 74) Carbazole | 17.36 | 167 | 3101345 | 22.167 ng/ul | 99 |
| 75) Di-n-butylphthalate | 17.95 | 149 | 3571209 | 20.373 ng/ul | 98 |
| 76) Fluoranthene | 19.02 | 202 | 3834871 | 21.787 ng/ul | 96 |
| 79) Pyrene | 19.39 | 202 | 3962804 | 19.757 ng/ul# | 93 |
| 80) Butylbenzylphthalate | 20.31 | 149 | 1690708 | 22.808 ng/ul | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.08 | 252 | 1314496 | 20.109 ng/ul | 93 |
| 82) Benzo(a)anthracene | 21.15 | 228 | 4035335 | 20.481 ng/ul | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.10 | 149 | 2563645 | 21.096 ng/ul | 99 |
| 84) Chrysene | 21.19 | 228 | 3838045 | 20.800 ng/ul | 99 |
| 86) Di-n-octyl phthalate | 21.97 | 149 | 4308807 | 20.461 ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.68 | 252 | 3983489 | 19.697 ng/ul | 98 |
| 88) Benzo(k)fluoranthene | 22.72 | 252 | 4054473 | 21.295 ng/ul# | 98 |
| 90) Benzo(a)pyrene | 23.23 | 252 | 3973620 | 20.661 ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.45 | 276 | 4782477 | 21.718 ng/ul | 96 |
| 92) Dibenzo(a,h)anthracene | 25.46 | 278 | 3978187 | 21.509 ng/ul | 95 |
| 93) Benzo(g,h,i)perylene | 26.09 | 276 | 4032133 | 21.819 ng/ul | 95 |

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

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