Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
Data File : BN013826.D
Acq On : 04 Mar 2021 11:05
Operator : CG/JU
Sample : SSTD01052
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD01052

Quant Time: Mar 04 13:03:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 04 12:54:17 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 157162 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.50 | 136 | 631461 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.36 | 164 | 361514 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.10 | 188 | 740505 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.28 | 240 | 718863 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.51 | 264 | 712698 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.22 | 96 | 15809 | 4.32 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.89 | 99 | 118103 | 10.12 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.06 | 67 | 79025 | 11.76 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.26 | 132 | 93417 | 9.58 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.42 | 113 | 88560 | 9.53 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.88 | 128 | 39302 | 9.19 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.59 | 143 | 35375 | 8.02 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.13 | 165 | 82586 | 9.46 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.64 | 131 | 110994 | 10.59 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.77 | 166 | 240210 | 9.92 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.05 | 160 | 316250 | 9.94 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.55 | 143 | 37391 | 7.96 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.35 | 176 | 216761 | 10.21 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 25568 | 6.46 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.20 | 188 | 318954 | 9.93 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.49 | 212 | 351265 | 10.28 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.37 | 264 | 346948 | 9.97 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.25 | 88 | 15620 | 4.221 | ng/uL | 98 |
| 4) Benzaldehyde | 6.87 | 77 | 79727 | 13.433 | ng/ul | 92 |
| 6) Phenol | 6.92 | 94 | 131514 | 10.614 | ng/ul | 98 |
| 8) Bis(2-Chloroethyl)ether | 7.15 | 93 | 106268 | 10.986 | ng/ul | 99 |
| 10) 2-Chlorophenol | 7.29 | 128 | 99971 | 9.672 | ng/ul | 99 |
| 11) 2-Methylphenol | 8.16 | 108 | 91611 | 9.935 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.25 | 45 | 166776 | 12.001 | ng/ul | 98 |
| 14) Acetophenone | 8.53 | 105 | 155876 | 10.606 | ng/ul | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.52 | 70 | 74535 | 10.947 | ng/ul | 99 |
| 16) 4-Methylphenol | 8.48 | 108 | 101036 | 10.004 | ng/ul | 99 |
| 17) Hexachloroethane | 8.80 | 117 | 43291 | 10.650 | ng/ul | 95 |
| 20) Nitrobenzene | 8.92 | 77 | 114594 | 11.492 | ng/ul | 98 |
| 21) Isophorone | 9.43 | 82 | 191976 | 10.972 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.62 | 139 | 42892 | 8.444 | ng/ul | 98 |
| 24) 2,4-Dimethylphenol | 9.68 | 107 | 108143 | 10.386 | ng/ul | 96 |
| 25) Bis(2-Chloroethoxy)methane | 9.92 | 93 | 134599 | 10.921 | ng/ul | 98 |
| 27) 2,4-Dichlorophenol | 10.15 | 162 | 88387 | 9.880 | ng/ul | 97 |
| 28) Naphthalene | 10.56 | 128 | 328661 | 10.145 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.66 | 127 | 118116 | 10.990 | ng/ul | 96 |
| 31) Hexachlorobutadiene | 10.85 | 225 | 57782 | 10.519 | ng/ul | 99 |
| 32) Caprolactam | 11.40 | 113 | 19985 | 7.481 | ng/ul | 94 |
| 33) 4-Chloro-3-methylphenol | 11.79 | 107 | 86625 | 9.496 | ng/ul | 95 |
| 34) 2-Methylnaphthalene | 12.17 | 142 | 220730 | 9.752 | ng/ul | 99 |

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|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.39 | 142 | 215113 | 9.841 ng/ul | 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.54 | 216 | 111820 | 11.006 ng/ul | 96 |
| 38) Hexachlorocyclopentadiene | 12.52 | 237 | 60375 | 9.703 ng/ul | 93 |
| 39) 2,4,6-Trichlorophenol | 12.78 | 196 | 59928 | 9.735 ng/ul | 96 |
| 40) 2,4,5-Trichlorophenol | 12.85 | 196 | 64431 | 9.307 ng/ul | 97 |
| 41) 1,1'-Biphenyl | 13.19 | 154 | 274881 | 10.048 ng/ul | 100 |
| 42) 2-Chloronaphthalene | 13.23 | 162 | 217154 | 10.254 ng/ul | 98 |
| 43) 2-Nitroaniline | 13.43 | 65 | 48801 | 9.777 ng/ul | 96 |
| 45) Dimethylphthalate | 13.82 | 163 | 251738 | 10.001 ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 13.93 | 165 | 40550 | 8.471 ng/ul | 98 |
| 48) Acenaphthylene | 14.08 | 152 | 314354 | 10.090 ng/ul | 99 |
| 49) 3-Nitroaniline | 14.26 | 138 | 40436 | 8.389 ng/ul | 99 |
| 50) Acenaphthene | 14.42 | 153 | 231079 | 10.251 ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.46 | 184 | 15416 | 5.659 ng/ul | 98 |
| 53) 4-Nitrophenol | 14.56 | 109 | 32015 | 9.282 ng/ul | 93 |
| 54) Dibenzofuran | 14.76 | 168 | 317562 | 10.141 ng/ul | 99 |
| 55) 2,4-Dinitrotoluene | 14.72 | 165 | 58892 | 8.366 ng/ul | 95 |
| 56) 2,3,4,6-Tetrachlorophenol | 14.98 | 232 | 49609 | 9.124 ng/ul | 99 |
| 57) Diethylphthalate | 15.19 | 149 | 246767 | 9.972 ng/ul | 99 |
| 59) Fluorene | 15.41 | 166 | 257043 | 10.251 ng/ul | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.40 | 204 | 122794 | 10.285 ng/ul | 96 |
| 61) 4-Nitroaniline | 15.42 | 138 | 48017 | 8.878 ng/ul | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 15.48 | 198 | 27768 | 6.782 ng/ul# | 98 |
| 65) N-Nitrosodiphenylamine | 15.62 | 169 | 212964 | 9.959 ng/ul | 98 |
| 66) 4-Bromophenyl-phenylether | 16.30 | 248 | 68719 | 9.646 ng/ul | 94 |
| 67) Hexachlorobenzene | 16.41 | 284 | 85846 | 10.513 ng/ul | 100 |
| 68) Atrazine | 16.57 | 200 | 67772 | 9.369 ng/ul | 91 |
| 69) Pentachlorophenol | 16.75 | 266 | 33955 | 7.347 ng/ul | 98 |
| 70) Phenanthrene | 17.15 | 178 | 404717 | 10.183 ng/ul | 98 |
| 72) Anthracene | 17.23 | 178 | 403309 | 10.028 ng/ul | 99 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.15 | 216 | 109226 | 10.613 ng/uL | 97 |
| 74) Pentachlorobenzene | 14.67 | 250 | 103761 | 10.389 ng/uL | 96 |
| 75) Carbazole | 17.50 | 167 | 356834 | 10.188 ng/ul | 99 |
| 76) Di-n-butylphthalate | 18.07 | 149 | 379230 | 9.649 ng/ul | 99 |
| 77) Fluoranthene | 19.16 | 202 | 432320 | 10.251 ng/ul# | 95 |
| 80) Pyrene | 19.52 | 202 | 483410 | 10.681 ng/ul | 98 |
| 81) Butylbenzylphthalate | 20.43 | 149 | 139620 | 8.685 ng/ul | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.20 | 252 | 119879 | 9.341 ng/ul | 95 |
| 83) Benzo(a)anthracene | 21.26 | 228 | 453778 | 10.506 ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 256480 | 10.199 ng/ul# | 98 |
| 85) Chrysene | 21.32 | 228 | 439476 | 10.268 ng/ul | 100 |
| 87) Di-n-octyl phthalate | 22.09 | 149 | 371347 | 8.893 ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.84 | 252 | 442444 | 10.282 ng/ul | 96 |
| 89) Benzo(k)fluoranthene | 22.89 | 252 | 427954 | 10.228 ng/ul | 96 |
| 91) Benzo(a)pyrene | 23.41 | 252 | 393520 | 10.421 ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 25.75 | 276 | 481208 | 9.940 ng/ul# | 92 |
| 93) Dibenzo(a,h)anthracene | 25.77 | 278 | 408883 | 10.029 ng/ul | 98 |
| 94) Benzo(g,h,i)perylene | 26.44 | 276 | 405590 | 9.955 ng/ul | 98 |

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

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