Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005165.D
Acq On : 22 Apr 2019 08:40
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD02065

**Manual Integrations APPROVED**
Sohil
4/23/2019 4:19:29 PM

Quant Time: Apr 23 03:49:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 04:25:06 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 413631 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.36 | 136 | 1825732 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.23 | 164 | 1129740 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.99 | 188 | 2631129 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.22 | 240 | 2531751 | 20.00 | ng/ul | 0.02 |
| 85) Perylene-d12 | 23.42 | 264 | 2757869 | 20.00 | ng/ul | 0.04 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.22 | 96 | 64438 | 7.52 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 655302 | 20.17 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.95 | 67 | 405076 | 19.99 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.14 | 132 | 503110 | 20.24 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.30 | 113 | 526667 | 20.74 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.74 | 128 | 238743 | 21.25 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.45 | 143 | 255531 | 22.43 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.99 | 165 | 532882 | 20.41 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.50 | 131 | 545419 | 20.25 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.65 | 166 | 1687311 | 20.57 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.92 | 160 | 2047469 | 20.33 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.43 | 143 | 285450 | 22.04 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.23 | 176 | 1422430 | 20.67 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 252120 | 21.30 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.09 | 188 | 2205047 | 19.99 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.40 | 212 | 2465685 | 19.04 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.28 | 264 | 2410968 | 20.00 | ng/ul | 0.04 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.25 | 88 | 71432 | 7.752 | ng/uL | 94 |
| 4) Benzaldehyde | 6.75 | 77 | 469662 | 20.401 | ng/ul | 94 |
| 6) Phenol | 6.80 | 94 | 684884 | 20.496 | ng/ul | 100 |
| 8) Bis(2-Chloroethyl)ether | 7.04 | 93 | 544602 | 20.354 | ng/ul | 98 |
| 10) 2-Chlorophenol | 7.17 | 128 | 521123 | 20.275 | ng/ul | 98 |
| 11) 2-Methylphenol | 8.03 | 108 | 512898 | 20.484 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.13 | 45 | 903251 | 20.106 | ng/ul | 99 |
| 14) Acetophenone | 8.41 | 105 | 857988 | 21.111 | ng/ul | 100 |
| 15) N-Nitroso-di-n-propylamine | 8.40 | 70 | 446244 | 20.526 | ng/ul | 97 |
| 16) 4-Methylphenol | 8.36 | 108 | 564720 | 20.883 | ng/ul | 95 |
| 17) Hexachloroethane | 8.66 | 117 | 219647 | 19.679 | ng/ul | 97 |
| 20) Nitrobenzene | 8.78 | 77 | 645658 | 20.878 | ng/ul | 99 |
| 21) Isophorone | 9.30 | 82 | 1262645 | 20.621 | ng/ul | 99 |
| 23) 2-Nitrophenol | 9.49 | 139 | 290980 | 22.541 | ng/ul | 98 |
| 24) 2,4-Dimethylphenol | 9.55 | 107 | 655314 | 20.274 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 9.79 | 93 | 766982 | 19.932 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.01 | 162 | 530912 | 20.601 | ng/ul | 99 |
| 28) Naphthalene | 10.41 | 128 | 1698581 | 20.013 | ng/ul | 100 |
| 30) 4-Chloroaniline | 10.52 | 127 | 562366 | 20.502 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.70 | 225 | 355800 | 19.550 | ng/ul | 99 |
| 32) Caprolactam | 11.27 | 113 | 170138m | 21.820 | ng/ul | |
| 33) 4-Chloro-3-methylphenol | 11.65 | 107 | 616693 | 21.251 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.03 | 142 | 1258328 | 20.248 | ng/ul | 97 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.40 | 216 | 678567 | 19.408 | ng/ul | 98 |
| 37) Hexachlorocyclopentadiene | 12.39 | 237 | 444298 | 18.639 | ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 12.65 | 196 | 436076 | 20.684 | ng/ul | 100 |
| 39) 2,4,5-Trichlorophenol | 12.72 | 196 | 474142 | 20.929 | ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.06 | 154 | 1674278 | 19.890 | ng/ul | 98 |
| 41) 2-Chloronaphthalene | 13.10 | 162 | 1278285 | 19.745 | ng/ul | 97 |
| 42) 2-Nitroaniline | 13.30 | 65 | 389162 | 22.664 | ng/ul | 94 |
| 44) Dimethylphthalate | 13.70 | 163 | 1676274 | 20.513 | ng/ul | 100 |
| 45) 2,6-Dinitrotoluene | 13.82 | 165 | 322934 | 22.887 | ng/ul | 94 |
| 47) Acenaphthylene | 13.95 | 152 | 1994110 | 20.145 | ng/ul | 99 |
| 48) 3-Nitroaniline | 14.14 | 138 | 283265 | 21.595 | ng/ul | 93 |
| 49) Acenaphthene | 14.30 | 153 | 1343403 | 19.879 | ng/ul | 100 |
| 50) 2,4-Dinitrophenol | 14.34 | 184 | 151587 | 22.055 | ng/ul | 97 |
| 52) 4-Nitrophenol | 14.45 | 109 | 257578 | 21.914 | ng/ul | 95 |
| 53) Dibenzofuran | 14.63 | 168 | 1988778 | 20.440 | ng/ul | 98 |
| 54) 2,4-Dinitrotoluene | 14.60 | 165 | 477295 | 23.465 | ng/ul | 97 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.86 | 232 | 411497 | 21.834 | ng/ul | 96 |
| 56) Diethylphthalate | 15.09 | 149 | 1710050 | 20.870 | ng/ul | 98 |
| 58) Fluorene | 15.29 | 166 | 1559176 | 20.537 | ng/ul | 98 |
| 59) 4-Chlorophenyl-phenylether | 15.29 | 204 | 813576 | 20.201 | ng/ul | 97 |
| 60) 4-Nitroaniline | 15.30 | 138 | 358675 | 21.933 | ng/ul | 99 |
| 63) 4,6-Dinitro-2-methylphenol | 15.36 | 198 | 269805 | 21.422 | ng/ul | 95 |
| 64) N-Nitrosodiphenylamine | 15.50 | 169 | 1401948 | 19.468 | ng/ul | 98 |
| 65) 4-Bromophenyl-phenylether | 16.19 | 248 | 513236 | 19.362 | ng/ul | 97 |
| 66) Hexachlorobenzene | 16.29 | 284 | 548232 | 19.423 | ng/ul | 96 |
| 67) Atrazine | 16.47 | 200 | 533192 | 19.888 | ng/ul | 100 |
| 68) Pentachlorophenol | 16.63 | 266 | 336604 | 20.367 | ng/ul | 98 |
| 69) Phenanthrene | 17.03 | 178 | 2560705 | 19.984 | ng/ul | 100 |
| 71) Anthracene | 17.12 | 178 | 2613231 | 20.019 | ng/ul | 100 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.02 | 216 | 707647 | 18.413 | ng/uL | 98 |
| 73) Pentachlorobenzene | 14.55 | 250 | 657883 | 19.020 | ng/uL | 99 |
| 74) Carbazole | 17.39 | 167 | 2326982 | 20.752 | ng/ul | 99 |
| 75) Di-n-butylphthalate | 17.98 | 149 | 2924990 | 20.790 | ng/ul | 100 |
| 76) Fluoranthene | 19.06 | 202 | 3016691 | 21.225 | ng/ul | 99 |
| 79) Pyrene | 19.42 | 202 | 3113177 | 19.098 | ng/ul | 99 |
| 80) Butylbenzylphthalate | 20.37 | 149 | 1342179 | 20.796 | ng/ul | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.14 | 252 | 975660 | 19.288 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.20 | 228 | 3144320 | 19.964 | ng/ul | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 2079888 | 20.929 | ng/ul | 99 |
| 84) Chrysene | 21.25 | 228 | 2911449 | 19.917 | ng/ul | 99 |
| 86) Di-n-octyl phthalate | 22.06 | 149 | 3480653 | 20.606 | ng/ul | 100 |
| 87) Benzo(b)fluoranthene | 22.77 | 252 | 3002837 | 19.370 | ng/ul | 98 |
| 88) Benzo(k)fluoranthene | 22.81 | 252 | 3018570 | 20.387 | ng/ul | 99 |
| 90) Benzo(a)pyrene | 23.33 | 252 | 2900861 | 19.907 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 25.60 | 276 | 3118506 | 19.357 | ng/ul | 99 |
| 92) Dibenzo(a,h)anthracene | 25.62 | 278 | 2655625 | 19.423 | ng/ul | 99 |
| 93) Benzo(g,h,i)perylene | 26.26 | 276 | 2554756 | 19.178 | ng/ul | 99 |

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

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