Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM043019\
Data File : BM020082.D
Acq On : 30 Apr 2019 19:11
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**
Sohil
5/2/2019 2:20:59 AM

Quant Time: May 01 03:54:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:29:22 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.79 | 152 | 95149 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.59 | 136 | 376539 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.44 | 164 | 231311 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.18 | 188 | 552215 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.37 | 240 | 586159 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 23.65 | 264 | 643204 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.37 | 112 | 962761 | 163.98 | ng | 0.00 |
| 7) Phenol-d6 | 6.96 | 99 | 1308447 | 148.08 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.96 | 82 | 1564336 | 185.79 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.93 | 330 | 584026 | 156.85 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.06 | 172 | 3003004 | 161.79 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.81 | 244 | 5459043 | 164.27 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.31 | 88 | 231545 | 91.391 | ng | 97 |
| 3) Pyridine | 3.70 | 79 | 575964 | 81.175 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.62 | 42 | 208278 | 91.123 | ng | 88 |
| 6) Aniline | 7.13 | 93 | 821697 | 72.001 | ng | 100 |
| 8) 2-Chlorophenol | 7.36 | 128 | 516705 | 70.761 | ng | 98 |
| 9) Benzaldehyde | 6.95 | 77 | 393371 | 76.293 | ng | 99 |
| 10) Phenol | 6.98 | 94 | 703345 | 72.857 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.23 | 93 | 513131 | 72.648 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.68 | 146 | 595253 | 77.649 | ng | 97 |
| 13) 1,4-Dichlorobenzene | 7.83 | 146 | 599330 | 77.056 | ng | 95 |
| 14) 1,2-Dichlorobenzene | 8.14 | 146 | 574105 | 74.443 | ng | 98 |
| 15) Benzyl Alcohol | 8.03 | 79 | 626423 | 77.984 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.33 | 45 | 399686 | 59.360 | ng | 97 |
| 17) 2-Methylphenol | 8.23 | 107 | 440598 | 68.959 | ng | 98 |
| 18) Hexachloroethane | 8.86 | 117 | 254517 | 84.184 | ng | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.60 | 70 | 539832 | 69.503 | ng | 97 |
| 20) 3+4-Methylphenols | 8.56 | 107 | 602849 | 68.685 | ng | 99 |
| 22) Acetophenone | 8.62 | 105 | 826505 | 80.589 | ng | 97 |
| 24) Nitrobenzene | 9.00 | 77 | 796266 | 91.292 | ng | 98 |
| 25) Isophorone | 9.52 | 82 | 1321787 | 80.646 | ng | 99 |
| 26) 2-Nitrophenol | 9.70 | 139 | 261115 | 70.250 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.76 | 122 | 400955 | 76.293 | ng | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.00 | 93 | 727472 | 79.264 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.23 | 162 | 515309 | 86.334 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.45 | 180 | 620553 | 96.597 | ng | 100 |
| 31) Naphthalene | 10.64 | 128 | 1558832 | 77.183 | ng | 99 |
| 32) Benzoic acid | 9.91 | 122 | 295119m | 63.591 | ng | |
| 33) 4-Chloroaniline | 10.75 | 127 | 644950 | 77.517 | ng | 98 |
| 34) Hexachlorobutadiene | 10.90 | 225 | 436131 | 115.109 | ng | 99 |
| 35) Caprolactam | 11.56 | 113 | 155547m | 68.847 | ng | |
| 36) 4-Chloro-3-methylphenol | 11.87 | 107 | 586929 | 79.139 | ng | 97 |
| 37) 2-Methylnaphthalene | 12.25 | 142 | 1138628 | 77.438 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.47 | 142 | 1106665 | 76.227 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.62 | 216 | 727655 | 101.972 | ng | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.59 | 237 | 441900 | 230.267 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.86 | 196 | 428197 | 88.510 | ng | | 100 |
| 44) 2,4,5-Trichlorophenol | 12.93 | 196 | 466739 | 92.695 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.27 | 154 | 1513456 | 75.543 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.31 | 162 | 1201667 | 78.634 | ng | | 98 |
| 48) 2-Nitroaniline | 13.52 | 65 | 452555 | 82.158 | ng | | 99 |
| 49) Acenaphthylene | 14.16 | 152 | 1938554 | 72.908 | ng | | 99 |
| 50) Dimethylphthalate | 13.90 | 163 | 1532832 | 75.128 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.02 | 165 | 334317 | 74.100 | ng | | 99 |
| 52) Acenaphthene | 14.50 | 154 | 1103928 | 74.880 | ng | | 100 |
| 53) 3-Nitroaniline | 14.35 | 138 | 318242 | 70.642 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 14.56 | 184 | 161729 | 70.867 | ng | | 95 |
| 55) Dibenzofuran | 14.84 | 168 | 1855617 | 76.971 | ng | | 98 |
| 56) 4-Nitrophenol | 14.65 | 139 | 272616 | 87.298 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.81 | 165 | 471023 | 72.629 | ng | | 96 |
| 58) Fluorene | 15.49 | 166 | 1540959 | 75.434 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.06 | 232 | 443066 | 96.438 | ng | | 99 |
| 60) Diethylphthalate | 15.26 | 149 | 1543666 | 72.746 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.48 | 204 | 871915 | 88.651 | ng | | 97 |
| 62) 4-Nitroaniline | 15.52 | 138 | 353081 | 79.548 | ng | | 99 |
| 63) Azobenzene | 15.77 | 77 | 1827938 | 80.597 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.56 | 198 | 235393 | 66.810 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 15.70 | 169 | 1303456 | 72.200 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.37 | 248 | 547078 | 86.169 | ng | | 97 |
| 68) Hexachlorobenzene | 16.47 | 284 | 617854 | 81.105 | ng | | 97 |
| 69) Atrazine | 16.65 | 200 | 498012 | 81.260 | ng | | 98 |
| 70) Pentachlorophenol | 16.82 | 266 | 382674 | 98.314 | ng | | 98 |
| 71) Phenanthrene | 17.23 | 178 | 2432626 | 74.233 | ng | | 99 |
| 72) Anthracene | 17.32 | 178 | 2448382 | 75.057 | ng | | 99 |
| 73) Carbazole | 17.59 | 167 | 2203629 | 72.355 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.15 | 149 | 2689832 | 67.251 | ng | | 98 |
| 75) Fluoranthene | 19.24 | 202 | 3076845 | 81.587 | ng | | 99 |
| 77) Benzidine | 19.43 | 184 | 1833021 | 113.339 | ng | | 99 |
| 78) Pyrene | 19.60 | 202 | 3162949 | 81.483 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.50 | 149 | 1219818 | 64.818 | ng | | 94 |
| 81) Benzo(a)anthracene | 21.35 | 228 | 3318431 | 89.370 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.29 | 252 | 1286850 | 93.149 | ng | | 99 |
| 83) Chrysene | 21.40 | 228 | 3188342 | 89.536 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 1839898 | 65.670 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.17 | 149 | 3123738 | 68.713 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 25.99 | 276 | 3897629 | 111.266 | ng | # | 100 |
| 88) Benzo(b)fluoranthene | 22.96 | 252 | 3385795 | 79.275 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 23.01 | 252 | 3173549 | 78.927 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.56 | 252 | 3139910 | 82.972 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.00 | 278 | 3293016 | 90.255 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 26.71 | 276 | 3109146 | 94.084 | ng | | 99 |

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

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