Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106286.D
Acq On : 11 Jun 2018 11:21
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
6/12/2018 12:57:54 PM

Quant Time: Jun 11 14:50:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 13:10:46 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.97 | 152 | 187406 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.25 | 136 | 756823 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.01 | 164 | 382975 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.50 | 188 | 776591 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.20 | 240 | 715439 | 20.00 | ng | | 0.04 |
| 86) Perylene-d12 | 15.79 | 264 | 627735 | 20.00 | ng | | 0.09 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.57 | 112 | 61062 | 4.90 | ng | | 0.00 |
| 7) Phenol-d6 | 6.57 | 99 | 76414 | 5.16 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.52 | 82 | 60989 | 4.69 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.79 | 330 | 13805 | 2.79 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 0.00 | 172 | 0d | 0.00 | ng | | |
| 78) Terphenyl-d14 | 13.08 | 244 | 183078 | 5.50 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.83 | 88 | 15146 | 2.683 | ng | | 95 |
| 3) Pyridine | 3.62 | 79 | 40911m | 2.793 | ng | | |
| 4) n-Nitrosodimethylamine | 3.55 | 42 | 17394 | 2.426 | ng | # | 91 |
| 6) Aniline | 6.63 | 93 | 52727 | 2.746 | ng | | 98 |
| 8) 2-Chlorophenol | 6.75 | 128 | 31583 | 2.386 | ng | | 94 |
| 9) Benzaldehyde | 6.52 | 77 | 32263 | 3.205 | ng | | 91 |
| 10) Phenol | 6.58 | 94 | 41861 | 2.478 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.69 | 93 | 35557 | 2.864 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 6.91 | 146 | 38585 | 2.648 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 6.99 | 146 | 39400 | 2.648 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.14 | 146 | 38794 | 2.830 | ng | | 96 |
| 15) Benzyl Alcohol | 7.10 | 79 | 30689 | 2.672 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45 | 49572 | 2.273 | ng | | 99 |
| 17) 2-Methylphenol | 7.20 | 107 | 25814 | 2.311 | ng | # | 94 |
| 18) Hexachloroethane | 7.48 | 117 | 13658 | 2.541 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70 | 30170 | 3.224 | ng | # | 96 |
| 20) 3+4-Methylphenols | 7.35 | 107 | 36314 | 2.730 | ng | | 93 |
| 22) Acetophenone | 7.37 | 105 | 56760 | 3.264 | ng | # | 97 |
| 24) Nitrobenzene | 7.55 | 77 | 35000 | 2.556 | ng | | 96 |
| 25) Isophorone | 7.78 | 82 | 67484 | 2.742 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.89 | 122 | 25869 | 2.280 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 7.99 | 93 | 44991 | 2.980 | ng | | 95 |
| 29) 2,4-Dichlorophenol | 8.09 | 162 | 24517 | 2.306 | ng | | 91 |
| 30) 1,2,4-Trichlorobenzene | 8.19 | 180 | 31147 | 2.769 | ng | | 89 |
| 31) Naphthalene | 8.27 | 128 | 105495 | 2.863 | ng | | 98 |
| 33) 4-Chloroaniline | 8.32 | 127 | 41017 | 2.681 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.39 | 225 | 20199 | 3.334 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.78 | 107 | 28995 | 2.533 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.96 | 142 | 68712 | 2.772 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.13 | 216 | 34474 | 2.984 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 9.12 | 237 | 13491 | 1.725 | ng | | 92 |
| 42) 2,4,6-Trichlorophenol | 9.23 | 196 | 17441 | 2.220 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.27 | 196 | 18814 | 2.216 | ng | # | 91 |
| 45) 1,1'-Biphenyl | 9.43 | 154 | 90528 | 2.656 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 46) 2-Chloronaphthalene | 9.45 | 162 | 69594 | 2.726 | ng | | 95 |
| 47) 2-Nitroaniline | 9.54 | 65 | 11806 | 1.376 | ng | # | 75 |
| 48) Acenaphthylene | 9.87 | 152 | 105457 | 2.695 | ng | | 100 |
| 49) Dimethylphthalate | 9.72 | 163 | 78113 | 2.657 | ng | | 97 |
| 50) 2,6-Dinitrotoluene | 9.78 | 165 | 10487 | 1.620 | ng | # | 71 |
| 51) Acenaphthene | 10.04 | 154 | 69050 | 2.666 | ng | | 98 |
| 52) 3-Nitroaniline | 9.95 | 138 | 12723 | 1.706 | ng | # | 87 |
| 54) Dibenzofuran | 10.22 | 168 | 95400 | 2.742 | ng | | 100 |
| 55) 4-Nitrophenol | 10.09 | 139 | 8941 | 1.466 | ng | # | 77 |
| 56) 2,4-Dinitrotoluene | 10.18 | 165 | 10962 | 1.302 | ng | # | 80 |
| 57) Fluorene | 10.56 | 166 | 78661 | 2.987 | ng | | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.33 | 232 | 14659 | 2.090 | ng | # | 94 |
| 59) Diethylphthalate | 10.42 | 149 | 77898 | 2.656 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.55 | 204 | 39210 | 3.215 | ng | | 89 |
| 61) 4-Nitroaniline | 10.56 | 138 | 12757 | 1.711 | ng | | 91 |
| 62) Azobenzene | 10.70 | 77 | 85899 | 2.992 | ng | | 96 |
| 65) n-Nitrosodiphenylamine | 10.66 | 169 | 74300 | 2.853 | ng | | 93 |
| 66) 4-Bromophenyl-phenylether | 11.04 | 248 | 22220 | 2.572 | ng | | 91 |
| 67) Hexachlorobenzene | 11.10 | 284 | 23313 | 2.361 | ng | # | 89 |
| 68) Atrazine | 11.18 | 200 | 18681 | 2.257 | ng | | 97 |
| 69) Pentachlorophenol | 11.29 | 266 | 9379 | 1.574 | ng | | 95 |
| 70) Phenanthrene | 11.52 | 178 | 118799 | 2.714 | ng | | 98 |
| 71) Anthracene | 11.57 | 178 | 114423 | 2.526 | ng | | 99 |
| 72) Carbazole | 11.73 | 167 | 103974 | 2.622 | ng | | 97 |
| 73) Di-n-butylphthalate | 12.05 | 149 | 103880 | 2.122 | ng | | 98 |
| 74) Fluoranthene | 12.72 | 202 | 116406 | 2.676 | ng | | 95 |
| 76) Benzidine | 12.83 | 184 | 59788 | 2.078 | ng | | 99 |
| 77) Pyrene | 12.94 | 202 | 124586 | 2.257 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.57 | 149 | 23705 | 0.975 | ng | | 98 |
| 80) Benzo(a)anthracene | 14.19 | 228 | 117681 | 2.817 | ng | | 97 |
| 81) 3,3'-Dichlorobenzidine | 14.14 | 252 | 31415 | 1.954 | ng | # | 98 |
| 82) Chrysene | 14.23 | 228 | 112062 | 2.723 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 14.17 | 149 | 46601 | 1.582 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 14.85 | 149 | 55847 | 1.155 | ng | # | 90 |
| 85) Indeno(1,2,3-cd)pyrene | 17.34 | 276 | 70657 | 1.885 | ng | | 95 |
| 87) Benzo(b)fluoranthene | 15.32 | 252 | 88481 | 2.365 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 15.35 | 252 | 93445 | 2.583 | ng | | 97 |
| 89) Benzo(a)pyrene | 15.72 | 252 | 78210 | 2.245 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 17.37 | 278 | 59294 | 1.815 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.82 | 276 | 61113 | 1.946 | ng | | 95 |

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

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