Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106573.D
Acq On : 19 Jun 2018 10:50
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**
Sohil
6/20/2018 4:58:00 PM

Quant Time: Jun 19 12:18:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 12:10:26 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.96 | 152 | 114442 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.24 | 136 | 458857 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.01 | 164 | 223290 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.49 | 188 | 450299 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.15 | 240 | 426953 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.69 | 264 | 396226 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 155093 | 22.94 | ng | | 0.00 |
| 7) Phenol-d6 | 6.60 | 99 | 191694 | 22.44 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.52 | 82 | 182772 | 23.43 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.79 | 330 | 55771 | 25.96 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.32 | 172 | 371975 | 28.41 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.08 | 244 | 432818 | 25.18 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.84 | 88 | 36623 | 10.465 | ng | | 98 |
| 3) Pyridine | 3.62 | 79 | 94460m | 9.686 | ng | | |
| 4) n-Nitrosodimethylamine | 3.56 | 42 | 39919 | 8.936 | ng | | 94 |
| 6) Aniline | 6.62 | 93 | 126900 | 10.173 | ng | | 98 |
| 8) 2-Chlorophenol | 6.75 | 128 | 83214 | 11.444 | ng | | 98 |
| 9) Benzaldehyde | 6.51 | 77 | 71095 | 10.972 | ng | | 96 |
| 10) Phenol | 6.61 | 94 | 108740 | 11.660 | ng | | 82 |
| 11) bis(2-Chloroethyl)ether | 6.69 | 93 | 85619 | 10.724 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.90 | 146 | 95126 | 11.115 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.98 | 146 | 98210 | 11.308 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.13 | 146 | 92363 | 11.298 | ng | | 96 |
| 15) Benzyl Alcohol | 7.10 | 79 | 77117 | 10.541 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45 | 113430 | 9.911 | ng | | 96 |
| 17) 2-Methylphenol | 7.21 | 107 | 67614 | 10.422 | ng | | 96 |
| 18) Hexachloroethane | 7.47 | 117 | 33227 | 10.738 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70 | 66082 | 10.311 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.37 | 107 | 90202 | 10.872 | ng | # | 54 |
| 22) Acetophenone | 7.37 | 105 | 127395 | 11.017 | ng | # | 93 |
| 24) Nitrobenzene | 7.54 | 77 | 92747 | 10.940 | ng | | 92 |
| 25) Isophorone | 7.77 | 82 | 155017 | 10.175 | ng | | 94 |
| 26) 2-Nitrophenol | 7.85 | 139 | 40525 | 12.315 | ng | | 92 |
| 27) 2,4-Dimethylphenol | 7.90 | 122 | 67631 | 10.486 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93 | 107840 | 10.917 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 8.11 | 162 | 69697 | 11.201 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.18 | 180 | 77087 | 11.049 | ng | | 94 |
| 31) Naphthalene | 8.27 | 128 | 247940 | 11.953 | ng | | 99 |
| 32) Benzoic acid | 7.97 | 122 | 30479m | 7.119 | ng | | |
| 33) 4-Chloroaniline | 8.31 | 127 | 98483 | 10.714 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.38 | 225 | 50640 | 11.298 | ng | | 99 |
| 35) Caprolactam | 8.66 | 113 | 21677 | 10.300 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 8.80 | 107 | 74504 | 10.825 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.96 | 142 | 163550 | 11.576 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 85038 | 11.732 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 9.11 | 237 | 33500 | 8.376 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.24 | 196 | 54256 | 11.745 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.28 | 196 | 56483 | 11.342 | ng | | 95 |
| 45) 1,1'-Biphenyl | 9.42 | 154 | 208168 | 12.036 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.45 | 162 | 159328 | 11.512 | ng | | 95 |
| 47) 2-Nitroaniline | 9.54 | 65 | 50699 | 11.644 | ng | | 88 |
| 48) Acenaphthylene | 9.87 | 152 | 256771 | 12.121 | ng | | 99 |
| 49) Dimethylphthalate | 9.71 | 163 | 184186 | 11.546 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.78 | 165 | 37851 | 11.616 | ng | | 95 |
| 51) Acenaphthene | 10.04 | 154 | 158330 | 11.573 | ng | | 98 |
| 52) 3-Nitroaniline | 9.95 | 138 | 43216 | 11.174 | ng | | 96 |
| 53) 2,4-Dinitrophenol | 10.06 | 184 | 10839 | 8.998 | ng | # | 14 |
| 54) Dibenzofuran | 10.21 | 168 | 221091 | 12.001 | ng | | 99 |
| 55) 4-Nitrophenol | 10.13 | 139 | 29314 | 9.888 | ng | | 89 |
| 56) 2,4-Dinitrotoluene | 10.18 | 165 | 49135 | 12.007 | ng | | 97 |
| 57) Fluorene | 10.55 | 166 | 181278 | 12.419 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.33 | 232 | 43738 | 11.081 | ng | # | 84 |
| 59) Diethylphthalate | 10.41 | 149 | 183340 | 11.579 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204 | 91725 | 11.948 | ng | # | 88 |
| 61) 4-Nitroaniline | 10.57 | 138 | 43395 | 11.532 | ng | | 99 |
| 62) Azobenzene | 10.70 | 77 | 185126 | 11.213 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 10.60 | 198 | 23153 | 10.521 | ng | | 78 |
| 65) n-Nitrosodiphenylamine | 10.66 | 169 | 174478 | 11.529 | ng | | 94 |
| 66) 4-Bromophenyl-phenylether | 11.04 | 248 | 59760 | 11.668 | ng | # | 81 |
| 67) Hexachlorobenzene | 11.10 | 284 | 60389 | 11.437 | ng | # | 86 |
| 68) Atrazine | 11.18 | 200 | 53728 | 11.520 | ng | | 95 |
| 69) Pentachlorophenol | 11.30 | 266 | 21470 | 6.605 | ng | | 97 |
| 70) Phenanthrene | 11.52 | 178 | 265051 | 12.019 | ng | | 99 |
| 71) Anthracene | 11.57 | 178 | 268969 | 12.174 | ng | | 99 |
| 72) Carbazole | 11.72 | 167 | 241128 | 11.822 | ng | | 99 |
| 73) Di-n-butylphthalate | 12.04 | 149 | 283974 | 12.510 | ng | | 99 |
| 74) Fluoranthene | 12.71 | 202 | 293687 | 12.488 | ng | | 95 |
| 76) Benzidine | 12.83 | 184 | 145664 | 10.251 | ng | | 99 |
| 77) Pyrene | 12.94 | 202 | 303478 | 11.354 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.55 | 149 | 120704 | 12.064 | ng | | 97 |
| 80) Benzo(a)anthracene | 14.14 | 228 | 282624 | 11.124 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.09 | 252 | 106325 | 12.403 | ng | | 99 |
| 82) Chrysene | 14.18 | 228 | 264374 | 11.397 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 14.11 | 149 | 165491 | 11.535 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.74 | 149 | 265408 | 12.833 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 17.25 | 276 | 221350 | 11.956 | ng | # | 93 |
| 87) Benzo(b)fluoranthene | 15.23 | 252 | 255213 | 10.655 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.27 | 252 | 249261 | 10.508 | ng | # | 95 |
| 89) Benzo(a)pyrene | 15.62 | 252 | 227905 | 10.579 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 17.27 | 278 | 186708 | 10.395 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.73 | 276 | 176133 | 10.091 | ng | # | 90 |

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

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