Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108887.D
Acq On : 10 Sep 2018 12:37
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
Sohil
9/11/2018 9:25:47 AM

Quant Time: Sep 11 02:15:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.74 | 152 | 199029 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.02 | 136 | 790496 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.77 | 164 | 374705 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.24 | 188 | 740081 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.87 | 240 | 503208 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.27 | 264 | 447747 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.34 | 112 | 952497 | 79.28 | ng | | 0.00 |
| 7) Phenol-d6 | 6.37 | 99 | 1222914 | 79.11 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.30 | 82 | 1075083 | 85.11 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 304309 | 85.07 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.10 | 172 | 1900638 | 86.53 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.82 | 244 | 1644373 | 76.20 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.41 | 88 | 236380 | 40.941 | ng | | 93 |
| 3) Pyridine | 3.12 | 79 | 649392 | 41.070 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 3.05 | 42 | 236295 | 38.908 | ng | # | 92 |
| 6) Aniline | 6.40 | 93 | 810538 | 38.986 | ng | | 98 |
| 8) 2-Chlorophenol | 6.52 | 128 | 526860 | 39.620 | ng | | 99 |
| 9) Benzaldehyde | 6.28 | 77 | 423659 | 38.633 | ng | | 98 |
| 10) Phenol | 6.38 | 94 | 691418 | 39.053 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 6.47 | 93 | 545656 | 38.473 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.68 | 146 | 604831 | 39.858 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.75 | 146 | 607887 | 40.058 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.91 | 146 | 568695 | 40.657 | ng | | 100 |
| 15) Benzyl Alcohol | 6.88 | 79 | 474761 | 40.021 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45 | 808892 | 38.154 | ng | | 97 |
| 17) 2-Methylphenol | 7.00 | 107 | 430700 | 38.326 | ng | | 98 |
| 18) Hexachloroethane | 7.25 | 117 | 218847 | 39.995 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70 | 396058 | 36.861 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.15 | 107 | 511592 | 38.862 | ng | # | 59 |
| 22) Acetophenone | 7.15 | 105 | 682715 | 38.055 | ng | # | 91 |
| 24) Nitrobenzene | 7.32 | 77 | 564926 | 41.682 | ng | | 99 |
| 25) Isophorone | 7.56 | 82 | 934912 | 37.106 | ng | | 98 |
| 26) 2-Nitrophenol | 7.64 | 139 | 216755 | 40.594 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 7.68 | 122 | 423252 | 39.034 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.77 | 93 | 649939 | 38.582 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.88 | 162 | 445052 | 39.806 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.96 | 180 | 477666 | 39.422 | ng | | 98 |
| 31) Naphthalene | 8.04 | 128 | 1437490 | 40.419 | ng | | 99 |
| 32) Benzoic acid | 7.79 | 122 | 235616m | 35.493 | ng | | |
| 33) 4-Chloroaniline | 8.09 | 127 | 652683 | 39.959 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.17 | 225 | 291829 | 40.316 | ng | | 99 |
| 35) Caprolactam | 8.46 | 113 | 146869 | 38.766 | ng | # | 79 |
| 36) 4-Chloro-3-methylphenol | 8.57 | 107 | 462613 | 38.841 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.73 | 142 | 931355 | 39.640 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 465019 | 41.516 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.89 | 237 | 223617 | 39.684 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.01 | 196 | 301687 | 39.543 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.04 | 196 | 327119 | 41.364 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.20 | 154 | 1178393 | 40.849 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.22 | 162 | 953170 | 40.856 | ng | | 98 |
| 47) 2-Nitroaniline | 9.31 | 65 | 281471 | 44.163 | ng | | 96 |
| 48) Acenaphthylene | 9.63 | 152 | 1422788 | 40.914 | ng | | 98 |
| 49) Dimethylphthalate | 9.50 | 163 | 1049641 | 40.050 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.55 | 165 | 224541 | 44.963 | ng | | 96 |
| 51) Acenaphthene | 9.80 | 154 | 874221 | 40.624 | ng | | 99 |
| 52) 3-Nitroaniline | 9.72 | 138 | 276193 | 46.461 | ng | | 98 |
| 53) 2,4-Dinitrophenol | 9.82 | 184 | 63157 | 39.725 | ng | # | 21 |
| 54) Dibenzofuran | 9.97 | 168 | 1271275 | 40.527 | ng | | 97 |
| 55) 4-Nitrophenol | 9.87 | 139 | 188978 | 42.523 | ng | | 94 |
| 56) 2,4-Dinitrotoluene | 9.95 | 165 | 291852 | 45.698 | ng | # | 94 |
| 57) Fluorene | 10.31 | 166 | 873293 | 43.382 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.09 | 232 | 270404 | 42.400 | ng | # | 86 |
| 59) Diethylphthalate | 10.20 | 149 | 1046683 | 38.700 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.31 | 204 | 467500 | 43.484 | ng | | 96 |
| 61) 4-Nitroaniline | 10.32 | 138 | 260794 | 48.427 | ng | | 98 |
| 62) Azobenzene | 10.47 | 77 | 1096608 | 39.280 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 10.36 | 198 | 108408 | 38.787 | ng | | 86 |
| 65) n-Nitrosodiphenylamine | 10.42 | 169 | 929156 | 37.761 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 10.80 | 248 | 323263 | 38.673 | ng | # | 89 |
| 67) Hexachlorobenzene | 10.87 | 284 | 342924 | 38.431 | ng | # | 89 |
| 68) Atrazine | 10.95 | 200 | 305485 | 38.781 | ng | | 99 |
| 69) Pentachlorophenol | 11.05 | 266 | 212236 | 38.904 | ng | | 99 |
| 70) Phenanthrene | 11.27 | 178 | 1379007 | 39.019 | ng | | 98 |
| 71) Anthracene | 11.32 | 178 | 1413040 | 41.759 | ng | | 100 |
| 72) Carbazole | 11.47 | 167 | 1418178 | 39.796 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.81 | 149 | 1598992 | 40.405 | ng | | 99 |
| 74) Fluoranthene | 12.45 | 202 | 1452506 | 41.509 | ng | | 97 |
| 76) Benzidine | 12.57 | 184 | 839417 | 35.196 | ng | | 99 |
| 77) Pyrene | 12.68 | 202 | 1516868 | 39.174 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.30 | 149 | 659874 | 37.843 | ng | | 95 |
| 80) Benzo(a)anthracene | 13.86 | 228 | 1181330 | 36.626 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 13.82 | 252 | 475926 | 37.873 | ng | | 98 |
| 82) Chrysene | 13.90 | 228 | 1193402 | 38.220 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.87 | 149 | 780274 | 35.607 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.48 | 149 | 1310531 | 35.872 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.63 | 276 | 942431 | 34.105 | ng | | 95 |
| 87) Benzo(b)fluoranthene | 14.88 | 252 | 965745 | 39.667 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 14.91 | 252 | 965098 | 43.045 | ng | | 97 |
| 89) Benzo(a)pyrene | 15.22 | 252 | 866537 | 39.445 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.65 | 278 | 781518 | 40.373 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.04 | 276 | 798192 | 41.183 | ng | | 93 |

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

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