Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
Data File : BF117399.D
Acq On : 14 Oct 2019 13:56
Operator : JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**
mohammad
10/16/2019 8:10:02 AM

Quant Time: Oct 14 14:38:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 14:19:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 67906 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.08 | 136 | 293500 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.83 | 164 | 148572 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.32 | 188 | 224489 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.97 | 240 | 136996 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.42 | 264 | 111519 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 513440 | 118.05 | ng | | 0.00 |
| 7) Phenol-d6 | 6.45 | 99 | 687156 | 122.25 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 678070 | 121.39 | ng | | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 140033 | 112.77 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.16 | 172 | 1163433 | 122.44 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.90 | 244 | 1036384 | 141.41 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.52 | 88 | 108413 | 59.567 | ng | | 99 |
| 3) Pyridine | 3.26 | 79 | 291499 | 58.515 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.24 | 42 | 107470 | 62.864 | ng | | 93 |
| 6) Aniline | 6.47 | 93 | 431587 | 59.635 | ng | # | 78 |
| 8) 2-Chlorophenol | 6.59 | 128 | 289980 | 61.800 | ng | | 98 |
| 9) Benzaldehyde | 6.35 | 77 | 150046 | 48.886 | ng | | 97 |
| 10) Phenol | 6.46 | 94 | 378613 | 61.099 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.54 | 93 | 283897 | 62.335 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.74 | 146 | 324423 | 61.615 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.81 | 146 | 328579 | 61.150 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 306625 | 61.291 | ng | | 99 |
| 15) Benzyl Alcohol | 6.95 | 79 | 261356 | 60.632 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45 | 300838 | 66.858 | ng | # | 62 |
| 17) 2-Methylphenol | 7.07 | 107 | 242672 | 61.709 | ng | # | 92 |
| 18) Hexachloroethane | 7.30 | 117 | 128752 | 62.285 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70 | 225480 | 65.875 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.22 | 107 | 308923 | 63.067 | ng | | 93 |
| 22) Acetophenone | 7.22 | 105 | 449492 | 60.278 | ng | # | 96 |
| 24) Nitrobenzene | 7.39 | 77 | 332073 | 60.198 | ng | | 97 |
| 25) Isophorone | 7.63 | 82 | 608764 | 61.551 | ng | | 99 |
| 26) 2-Nitrophenol | 7.70 | 139 | 154673 | 65.278 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.75 | 122 | 228037 | 60.689 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93 | 378481 | 62.111 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.95 | 162 | 239969 | 60.950 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.02 | 180 | 253103 | 59.503 | ng | | 97 |
| 31) Naphthalene | 8.10 | 128 | 855030 | 60.574 | ng | | 100 |
| 32) Benzoic acid | 7.93 | 122 | 168223 | 63.655 | ng | | 89 |
| 33) 4-Chloroaniline | 8.16 | 127 | 355941 | 56.853 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.22 | 225 | 143483 | 59.456 | ng | | 97 |
| 35) Caprolactam | 8.56 | 113 | 72594m | 54.474 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.65 | 107 | 265418 | 57.815 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.79 | 142 | 572474 | 60.227 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.89 | 142 | 532722 | 59.840 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 233710 | 60.917 | ng | | 100 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.94 | 237 | 63860 | 44.254 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 9.08 | 196 | 150568 | 57.831 | ng | | 94 |
| 44) 2,4,5-Trichlorophenol | 9.13 | 196 | 147366 | 52.977 | ng | | 95 |
| 46) 1,1'-Biphenyl | 9.26 | 154 | 714090 | 61.274 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.29 | 162 | 547300 | 59.505 | ng | | 100 |
| 48) 2-Nitroaniline | 9.39 | 65 | 177773 | 60.260 | ng | | 98 |
| 49) Acenaphthylene | 9.70 | 152 | 793731 | 57.607 | ng | | 99 |
| 50) Dimethylphthalate | 9.56 | 163 | 622028 | 59.130 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.63 | 165 | 131962 | 61.592 | ng | | 98 |
| 52) Acenaphthene | 9.87 | 154 | 489321 | 59.910 | ng | | 100 |
| 53) 3-Nitroaniline | 9.80 | 138 | 159808 | 59.118 | ng | | 90 |
| 54) 2,4-Dinitrophenol | 9.92 | 184 | 53765 | 70.894 | ng | | 94 |
| 55) Dibenzofuran | 10.04 | 168 | 704173 | 58.434 | ng | | 98 |
| 56) 4-Nitrophenol | 9.98 | 139 | 74895 | 42.749 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.05 | 165 | 170921 | 61.458 | ng | | 89 |
| 58) Fluorene | 10.39 | 166 | 584337 | 60.196 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.17 | 232 | 115070 | 54.057 | ng | | 99 |
| 60) Diethylphthalate | 10.26 | 149 | 620060 | 59.912 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204 | 262171 | 62.422 | ng | | 99 |
| 62) 4-Nitroaniline | 10.43 | 138 | 142866 | 50.820 | ng | | 99 |
| 63) Azobenzene | 10.53 | 77 | 632811 | 59.867 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 10.46 | 198 | 75598 | 80.237 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 10.50 | 169 | 499081 | 64.373 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.86 | 248 | 149513 | 65.216 | ng | | 95 |
| 68) Hexachlorobenzene | 10.94 | 284 | 159438 | 63.584 | ng | | 99 |
| 69) Atrazine | 11.02 | 200 | 50393 | 26.461 | ng | | 98 |
| 70) Pentachlorophenol | 11.14 | 266 | 51330 | 43.670 | ng | | 90 |
| 71) Phenanthrene | 11.35 | 178 | 779673 | 61.147 | ng | | 99 |
| 72) Anthracene | 11.40 | 178 | 805200 | 61.854 | ng | | 99 |
| 73) Carbazole | 11.56 | 167 | 710671 | 57.514 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.87 | 149 | 979950 | 66.657 | ng | | 99 |
| 75) Fluoranthene | 12.54 | 202 | 757744 | 57.836 | ng | | 99 |
| 77) Benzidine | 12.65 | 184 | 112429 | 25.477 | ng | | 100 |
| 78) Pyrene | 12.77 | 202 | 750713 | 65.308 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.37 | 149 | 377588 | 69.517 | ng | | 97 |
| 81) Benzo(a)anthracene | 13.96 | 228 | 552466 | 60.360 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.91 | 252 | 143107 | 48.520 | ng | # | 97 |
| 83) Chrysene | 14.00 | 228 | 529218 | 59.283 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 13.93 | 149 | 522679 | 74.634 | ng | | 97 |
| 85) Di-n-octyl phthalate | 14.54 | 149 | 747445 | 67.810 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 16.89 | 276 | 408453 | 62.715 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.00 | 252 | 433219 | 64.132 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.03 | 252 | 368066 | 57.520 | ng | | 100 |
| 90) Benzo(a)pyrene | 15.36 | 252 | 357925 | 60.382 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.88 | 278 | 339836 | 71.965 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.31 | 276 | 333447 | 70.861 | ng | | 98 |

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

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