Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116609.D
Acq On : 28 Aug 2019 11:16
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Jagrut
8/29/2019 7:46:44 PM

Quant Time: Aug 28 11:49:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 11:25:35 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.87 | 152 | 149828 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.15 | 136 | 623692 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.90 | 164 | 317433 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.39 | 188 | 529173 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.02 | 240 | 262966 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.47 | 264 | 256094 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.49 | 112 | 1069874 | 104.34 | ng | | 0.00 |
| 7) Phenol-d6 | 6.50 | 99 | 1370964 | 109.04 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.44 | 82 | 1319011 | 115.70 | ng | | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.69 | 330 | 341548 | 125.31 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.23 | 172 | 2140622 | 108.60 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.97 | 244 | 1881154 | 133.62 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.63 | 88 | 243412 | 54.826 | ng | | 99 |
| 3) Pyridine | 3.39 | 79 | 706837 | 52.280 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.35 | 42 | 273082 | 55.329 | ng | | 99 |
| 6) Aniline | 6.54 | 93 | 948242 | 55.707 | ng | | 99 |
| 8) 2-Chlorophenol | 6.66 | 128 | 588047 | 54.648 | ng | | 97 |
| 9) Benzaldehyde | 6.42 | 77 | 370893 | 44.150 | ng | | 99 |
| 10) Phenol | 6.52 | 94 | 770701 | 56.448 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 6.61 | 93 | 579679 | 55.762 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.82 | 146 | 665000 | 57.096 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.89 | 146 | 662893 | 59.136 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.05 | 146 | 617952 | 58.437 | ng | | 98 |
| 15) Benzyl Alcohol | 7.01 | 79 | 549135 | 53.969 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.15 | 45 | 763625 | 53.127 | ng | | 100 |
| 17) 2-Methylphenol | 7.12 | 107 | 520539 | 58.385 | ng | | 99 |
| 18) Hexachloroethane | 7.39 | 117 | 254280 | 58.164 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70 | 438042 | 51.058 | ng | | 100 |
| 20) 3+4-Methylphenols | 7.27 | 107 | 607136 | 55.590 | ng | | 94 |
| 22) Acetophenone | 7.28 | 105 | 852167 | 54.641 | ng | # | 92 |
| 24) Nitrobenzene | 7.45 | 77 | 672675 | 56.978 | ng | | 96 |
| 25) Isophorone | 7.70 | 82 | 1187368 | 52.853 | ng | | 99 |
| 26) 2-Nitrophenol | 7.77 | 139 | 324798 | 75.318 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.80 | 122 | 480483 | 53.400 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93 | 739862 | 53.328 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.01 | 162 | 500125 | 58.447 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.09 | 180 | 574965 | 59.686 | ng | | 97 |
| 31) Naphthalene | 8.17 | 128 | 1689824 | 56.007 | ng | | 99 |
| 32) Benzoic acid | 7.95 | 122 | 452805 | 78.718 | ng | | 99 |
| 33) 4-Chloroaniline | 8.22 | 127 | 745577 | 56.290 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.30 | 225 | 319597 | 60.833 | ng | | 98 |
| 35) Caprolactam | 8.60 | 113 | 159389m | 53.475 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.70 | 107 | 530684 | 54.965 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.86 | 142 | 1120708 | 54.099 | ng | | 97 |
| 38) 1-Methylnaphthalene | 8.96 | 142 | 1047389m | 54.124 | ng | | |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 506081 | 59.257 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.02 | 237 | 304700 | 66.312 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.14 | 196 | 365558 | 61.159 | ng | | 97 |
| 44) 2,4,5-Trichlorophenol | 9.18 | 196 | 362332 | 59.576 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.33 | 154 | 1399936 | 55.161 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.35 | 162 | 1106012 | 56.213 | ng | | 96 |
| 48) 2-Nitroaniline | 9.45 | 65 | 365051 | 60.596 | ng | | 95 |
| 49) Acenaphthylene | 9.77 | 152 | 1582384 | 54.970 | ng | | 100 |
| 50) Dimethylphthalate | 9.63 | 163 | 1239442 | 55.963 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.69 | 165 | 279264 | 61.604 | ng | | 88 |
| 52) Acenaphthene | 9.94 | 154 | 1058256 | 57.292 | ng | | 95 |
| 53) 3-Nitroaniline | 9.86 | 138 | 327568 | 60.620 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 9.96 | 184 | 147214 | 103.285 | ng | # | 32 |
| 55) Dibenzofuran | 10.11 | 168 | 1433114 | 55.659 | ng | | 99 |
| 56) 4-Nitrophenol | 10.01 | 139 | 255464 | 60.825 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.09 | 165 | 367674 | 63.740 | ng | | 91 |
| 58) Fluorene | 10.45 | 166 | 1068582 | 53.416 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.23 | 232 | 299402 | 59.955 | ng | | 99 |
| 60) Diethylphthalate | 10.33 | 149 | 1187052 | 54.532 | ng | | 100 |
| 61) 4-Chlorophenyl-phenylether | 10.45 | 204 | 537386 | 55.064 | ng | | 99 |
| 62) 4-Nitroaniline | 10.47 | 138 | 327993 | 62.062 | ng | | 96 |
| 63) Azobenzene | 10.60 | 77 | 1188797 | 53.115 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 10.50 | 198 | 185375 | 95.887 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 10.56 | 169 | 968021 | 56.495 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.93 | 248 | 333354 | 60.088 | ng | | 97 |
| 68) Hexachlorobenzene | 11.00 | 284 | 362886 | 59.140 | ng | | 98 |
| 69) Atrazine | 11.09 | 200 | 282255 | 54.980 | ng | | 97 |
| 70) Pentachlorophenol | 11.19 | 266 | 230677 | 64.435 | ng | | 98 |
| 71) Phenanthrene | 11.41 | 178 | 1592249 | 55.234 | ng | | 99 |
| 72) Anthracene | 11.46 | 178 | 1592240 | 54.967 | ng | | 99 |
| 73) Carbazole | 11.61 | 167 | 1397659 | 53.753 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.95 | 149 | 1677056 | 52.050 | ng | | 100 |
| 75) Fluoranthene | 12.59 | 202 | 1462800 | 49.082 | ng | | 97 |
| 77) Benzidine | 12.70 | 184 | 476715 | 45.058 | ng | | 98 |
| 78) Pyrene | 12.82 | 202 | 1446412 | 68.780 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.43 | 149 | 553797 | 60.977 | ng | | 95 |
| 81) Benzo(a)anthracene | 14.00 | 228 | 993971 | 58.361 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.96 | 252 | 300596 | 49.527 | ng | # | 97 |
| 83) Chrysene | 14.04 | 228 | 980764 | 56.815 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 14.00 | 149 | 648299 | 53.532 | ng | | 100 |
| 85) Di-n-octyl phthalate | 14.62 | 149 | 1035694 | 50.374 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 16.94 | 276 | 1037847 | 70.185 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 15.06 | 252 | 913920 | 57.769 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.09 | 252 | 827618 | 57.745 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.42 | 252 | 815303 | 58.311 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.96 | 278 | 797057 | 69.374 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.39 | 276 | 896911 | 81.886 | ng | | 98 |

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

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