Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111318\
Data File : BM017624.D
Acq On : 13 Nov 2018 17:10
Operator : MJ/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
Sohil
11/14/2018 5:18:10 PM

Quant Time: Nov 14 03:40:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 229911 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.39 | 136 | 1023967 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.26 | 164 | 613481 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.02 | 188 | 1414222 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.21 | 240 | 1587555 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 23.41 | 264 | 1401729 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.24 | 112 | 997717 | 73.24 | ng | 0.00 |
| 7) Phenol-d6 | 6.80 | 99 | 1387046 | 72.90 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.77 | 82 | 1483080 | 74.77 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.76 | 330 | 672984 | 76.35 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.87 | 172 | 3432207 | 72.58 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.66 | 244 | 4980914 | 71.11 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.23 | 88 | 199595 | 35.179 | ng | 99 |
| 3) Pyridine | 3.62 | 79 | 597222 | 35.885 | ng | 96 |
| 4) n-Nitrosodimethylamine | 3.53 | 42 | 286963 | 39.143 | ng | 94 |
| 6) Aniline | 6.96 | 93 | 852654 | 36.137 | ng | 99 |
| 8) 2-Chlorophenol | 7.19 | 128 | 586099 | 35.948 | ng | 98 |
| 9) Benzaldehyde | 6.77 | 77 | 491531 | 35.463 | ng | 98 |
| 10) Phenol | 6.83 | 94 | 733323 | 36.719 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.06 | 93 | 573430 | 36.372 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.50 | 146 | 661147 | 36.144 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.65 | 146 | 674851 | 35.994 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.96 | 146 | 655651 | 36.064 | ng | 99 |
| 15) Benzyl Alcohol | 7.86 | 79 | 572156 | 37.760 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.15 | 45 | 881904 | 36.740 | ng | 99 |
| 17) 2-Methylphenol | 8.06 | 107 | 489125 | 36.356 | ng | 98 |
| 18) Hexachloroethane | 8.67 | 117 | 247102 | 37.394 | ng | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.43 | 70 | 506212 | 37.053 | ng | 98 |
| 20) 3+4-Methylphenols | 8.39 | 107 | 692915 | 37.069 | ng | 99 |
| 22) Acetophenone | 8.44 | 105 | 938023 | 36.704 | ng | 98 |
| 24) Nitrobenzene | 8.82 | 77 | 743920 | 36.967 | ng | 99 |
| 25) Isophorone | 9.33 | 82 | 1130522 | 36.903 | ng | 100 |
| 26) 2-Nitrophenol | 9.52 | 139 | 348389 | 37.585 | ng | 97 |
| 27) 2,4-Dimethylphenol | 9.58 | 122 | 490191 | 36.693 | ng | 100 |
| 28) bis(2-Chloroethoxy)methane | 9.82 | 93 | 762331 | 36.741 | ng | 98 |
| 29) 2,4-Dichlorophenol | 10.05 | 162 | 586537 | 37.822 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.25 | 180 | 664180 | 36.824 | ng | 97 |
| 31) Naphthalene | 10.44 | 128 | 1829795 | 36.345 | ng | 99 |
| 32) Benzoic acid | 9.75 | 122 | 432690m | 35.755 | ng | |
| 33) 4-Chloroaniline | 10.56 | 127 | 826653 | 37.493 | ng | 99 |
| 34) Hexachlorobutadiene | 10.72 | 225 | 411256 | 36.729 | ng | 99 |
| 35) Caprolactam | 11.37 | 113 | 212507 | 37.211 | ng | 96 |
| 36) 4-Chloro-3-methylphenol | 11.69 | 107 | 672327 | 37.551 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.06 | 142 | 1293947 | 36.365 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.28 | 142 | 1267904 | 36.341 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.43 | 216 | 775047 | 35.827 | ng | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.40 | 237 | 397860 | 35.592 ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.68 | 196 | 502088 | 37.054 ng | 97 |
| 44) 2,4,5-Trichlorophenol | 12.76 | 196 | 526606 | 36.807 ng | 99 |
| 46) 1,1'-Biphenyl | 13.09 | 154 | 1987560 | 36.094 ng | 99 |
| 47) 2-Chloronaphthalene | 13.13 | 162 | 1488416 | 36.415 ng | 99 |
| 48) 2-Nitroaniline | 13.34 | 65 | 492727 | 38.981 ng | 97 |
| 49) Acenaphthylene | 13.98 | 152 | 2256686 | 36.748 ng | 99 |
| 50) Dimethylphthalate | 13.73 | 163 | 1819751 | 36.484 ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.86 | 165 | 410497 | 36.960 ng | 98 |
| 52) Acenaphthene | 14.33 | 154 | 1380716 | 36.636 ng | 99 |
| 53) 3-Nitroaniline | 14.19 | 138 | 448076 | 37.055 ng | 97 |
| 54) 2,4-Dinitrophenol | 14.40 | 184 | 206388 | 34.850 ng | 98 |
| 55) Dibenzofuran | 14.66 | 168 | 2250027 | 36.533 ng | 99 |
| 56) 4-Nitrophenol | 14.50 | 139 | 341257 | 36.450 ng | 96 |
| 57) 2,4-Dinitrotoluene | 14.65 | 165 | 583841 | 38.997 ng | 97 |
| 58) Fluorene | 15.32 | 166 | 1727170 | 36.632 ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.89 | 232 | 497501 | 37.806 ng | 100 |
| 60) Diethylphthalate | 15.10 | 149 | 1934596 | 35.897 ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.32 | 204 | 972955 | 36.320 ng | 98 |
| 62) 4-Nitroaniline | 15.36 | 138 | 445135 | 39.059 ng | 99 |
| 63) Azobenzene | 15.61 | 77 | 1899949 | 38.136 ng | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.41 | 198 | 358180 | 36.560 ng | 92 |
| 66) n-Nitrosodiphenylamine | 15.54 | 169 | 1654811 | 36.394 ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.22 | 248 | 607281 | 36.308 ng | 98 |
| 68) Hexachlorobenzene | 16.32 | 284 | 687121 | 36.441 ng | 94 |
| 69) Atrazine | 16.50 | 200 | 626077 | 37.437 ng | 97 |
| 70) Pentachlorophenol | 16.67 | 266 | 489892 | 37.081 ng | 99 |
| 71) Phenanthrene | 17.06 | 178 | 2814777 | 36.680 ng | 100 |
| 72) Anthracene | 17.15 | 178 | 2779486 | 37.222 ng | 99 |
| 73) Carbazole | 17.43 | 167 | 2890196 | 38.303 ng | 99 |
| 74) Di-n-butylphthalate | 17.99 | 149 | 3200453 | 38.101 ng | 100 |
| 75) Fluoranthene | 19.08 | 202 | 3294452 | 37.943 ng | 99 |
| 77) Benzidine | 19.28 | 184 | 1694773 | 32.783 ng | 99 |
| 78) Pyrene | 19.44 | 202 | 3514935 | 35.883 ng | 100 |
| 80) Butylbenzylphthalate | 20.36 | 149 | 1499350 | 37.686 ng | 99 |
| 81) Benzo(a)anthracene | 21.20 | 228 | 3351859 | 36.648 ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.14 | 252 | 1349241 | 38.223 ng | 98 |
| 83) Chrysene | 21.25 | 228 | 3241679 | 36.492 ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 2141429 | 36.409 ng | 99 |
| 85) Di-n-octyl phthalate | 22.01 | 149 | 3479705 | 36.948 ng | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 25.60 | 276 | 2765608 | 38.959 ng | 100 |
| 88) Benzo(b)fluoranthene | 22.76 | 252 | 2986835 | 36.385 ng | 99 |
| 89) Benzo(k)fluoranthene | 22.80 | 252 | 3103660 | 37.407 ng | 99 |
| 90) Benzo(a)pyrene | 23.31 | 252 | 2781717 | 37.164 ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.61 | 278 | 2346588 | 37.291 ng | 100 |
| 92) Benzo(g,h,i)perylene | 26.27 | 276 | 2211389 | 37.371 ng | 100 |

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

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