Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
Data File : BM010802.D
Acq On : 13 Jul 2017 08:53
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 13 11:57:08 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.45 | 152 | 195701 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.20 | 136 | 804627 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.10 | 164 | 548946 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 16.85 | 188 | 1396456 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.07 | 240 | 1655515 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.20 | 264 | 1546974 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.08 | 112 | 950723 | 80.47 | ng | | 0.00 |
| 7) Phenol-d6 | 6.64 | 99 | 1298433 | 79.72 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.59 | 82 | 1603516 | 76.60 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.60 | 330 | 693911 | 82.72 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.71 | 172 | 3391595 | 76.86 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.51 | 244 | 6634818 | 77.51 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.09 | 88 | 205096 | 39.343 | ng | # | 100 |
| 3) Pyridine | 3.46 | 79 | 574431 | 40.313 | ng | # | 88 |
| 4) n-Nitrosodimethylamine | 3.38 | 42 | 301777 | 41.438 | ng | # | 67 |
| 6) Aniline | 6.79 | 93 | 817616 | 40.074 | ng | | 97 |
| 8) 2-Chlorophenol | 7.02 | 128 | 477490 | 40.821 | ng | | 89 |
| 9) Benzaldehyde | 6.60 | 77 | 437638 | 38.698 | ng | | 88 |
| 10) Phenol | 6.66 | 94 | 686096 | 39.843 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.89 | 93 | 520363 | 39.236 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.33 | 146 | 581416 | 40.221 | ng | # | 81 |
| 13) 1,4-Dichlorobenzene | 7.48 | 146 | 589726 | 39.533 | ng | # | 89 |
| 14) 1,2-Dichlorobenzene | 7.79 | 146 | 550700 | 38.741 | ng | # | 90 |
| 15) Benzyl Alcohol | 7.69 | 79 | 628694 | 40.766 | ng | # | 86 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.97 | 45 | 466732 | 40.592 | ng | | 76 |
| 17) 2-Methylphenol | 7.89 | 107 | 455025 | 40.858 | ng | # | 77 |
| 18) Hexachloroethane | 8.50 | 117 | 255399 | 40.818 | ng | # | 82 |
| 19) n-Nitroso-di-n-propylamine | 8.25 | 70 | 523267 | 40.559 | ng | # | 93 |
| 20) 3+4-Methylphenols | 8.22 | 107 | 624023 | 40.330 | ng | # | 84 |
| 22) Acetophenone | 8.26 | 105 | 923294 | 38.111 | ng | # | 95 |
| 24) Nitrobenzene | 8.63 | 77 | 841479 | 39.223 | ng | # | 89 |
| 25) Isophorone | 9.16 | 82 | 1352565 | 39.441 | ng | # | 88 |
| 26) 2-Nitrophenol | 9.33 | 139 | 289312 | 40.527 | ng | # | 34 |
| 27) 2,4-Dimethylphenol | 9.40 | 122 | 489115 | 38.388 | ng | # | 67 |
| 28) bis(2-Chloroethoxy)methane | 9.65 | 93 | 757591 | 39.408 | ng | | 95 |
| 29) 2,4-Dichlorophenol | 9.86 | 162 | 566639 | 39.370 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 10.07 | 180 | 680372 | 38.668 | ng | | 98 |
| 31) Naphthalene | 10.26 | 128 | 1598199 | 39.064 | ng | | 99 |
| 32) Benzoic acid | 9.55 | 122 | 411420 | 41.155 | ng | # | 66 |
| 33) 4-Chloroaniline | 10.37 | 127 | 665243 | 40.359 | ng | # | 80 |
| 34) Hexachlorobutadiene | 10.55 | 225 | 528471 | 38.708 | ng | | 95 |
| 35) Caprolactam | 11.16 | 113 | 153890 | 40.161 | ng | # | 86 |
| 36) 4-Chloro-3-methylphenol | 11.51 | 107 | 707432 | 40.634 | ng | # | 76 |
| 37) 2-Methylnaphthalene | 11.88 | 142 | 1188153 | 40.432 | ng | # | 87 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.26 | 216 | 925054 | 38.660 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 12.24 | 237 | 548995 | 40.023 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.51 | 196 | 571088 | 38.760 | ng | | 100 |
| 43) 2,4,5-Trichlorophenol | 12.58 | 196 | 585247 | 40.233 | ng | # | 89 |
| 45) 1,1'-Biphenyl | 12.92 | 154 | 1862463 | 38.944 | ng | | 97 |
| 46) 2-Chloronaphthalene | 12.96 | 162 | 1371449 | 39.110 | ng | # | 93 |
| 47) 2-Nitroaniline | 13.17 | 65 | 483552 | 41.948 | ng | # | 70 |
| 48) Acenaphthylene | 13.82 | 152 | 2065690 | 39.606 | ng | | 99 |
| 49) Dimethylphthalate | 13.57 | 163 | 1826943 | 39.120 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 13.69 | 165 | 383521 | 41.868 | ng | # | 62 |
| 51) Acenaphthene | 14.16 | 154 | 1261933 | 39.597 | ng | | 99 |
| 52) 3-Nitroaniline | 14.01 | 138 | 339796 | 40.805 | ng | # | 48 |
| 53) 2,4-Dinitrophenol | 14.22 | 184 | 250414 | 39.546 | ng | # | 83 |
| 54) Dibenzofuran | 14.50 | 168 | 2058331 | 39.928 | ng | # | 89 |
| 55) 4-Nitrophenol | 14.33 | 139 | 288725 | 39.922 | ng | # | 1 |
| 56) 2,4-Dinitrotoluene | 14.48 | 165 | 543188 | 42.734 | ng | # | 94 |
| 57) Fluorene | 15.16 | 166 | 1780047 | 40.168 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.73 | 232 | 545327 | 40.346 | ng | # | 100 |
| 59) Diethylphthalate | 14.95 | 149 | 1879037 | 40.741 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.16 | 204 | 1064980 | 39.122 | ng | | 96 |
| 61) 4-Nitroaniline | 15.19 | 138 | 369629 | 42.467 | ng | # | 1 |
| 62) Azobenzene | 15.45 | 77 | 1939686 | 41.416 | ng | | 88 |
| 64) 4,6-Dinitro-2-methylphenol | 15.24 | 198 | 374469 | 40.666 | ng | | 88 |
| 65) n-Nitrosodiphenylamine | 15.37 | 169 | 1571225 | 39.322 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.06 | 248 | 691608 | 39.079 | ng | # | 90 |
| 67) Hexachlorobenzene | 16.16 | 284 | 792169 | 39.145 | ng | # | 86 |
| 68) Atrazine | 16.34 | 200 | 663451 | 40.093 | ng | | 99 |
| 69) Pentachlorophenol | 16.50 | 266 | 522296 | 40.260 | ng | | 97 |
| 70) Phenanthrene | 16.90 | 178 | 2896765 | 39.874 | ng | | 100 |
| 71) Anthracene | 16.99 | 178 | 2885285 | 40.011 | ng | | 100 |
| 72) Carbazole | 17.26 | 167 | 2590740 | 40.792 | ng | | 99 |
| 73) Di-n-butylphthalate | 17.84 | 149 | 3101691 | 41.279 | ng | # | 96 |
| 74) Fluoranthene | 18.92 | 202 | 3589468 | 39.895 | ng | | 98 |
| 76) Benzidine | 19.12 | 184 | 1813604 | 40.937 | ng | | 98 |
| 77) Pyrene | 19.29 | 202 | 3758346 | 39.160 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.22 | 149 | 1385528 | 41.235 | ng | # | 73 |
| 80) Benzo(a)anthracene | 21.05 | 228 | 3754996 | 39.144 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 21.00 | 252 | 1523643 | 40.395 | ng | # | 97 |
| 82) Chrysene | 21.10 | 228 | 3644753 | 39.895 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.01 | 149 | 2011896 | 41.118 | ng | | 99 |
| 84) Di-n-octyl phthalate | 21.87 | 149 | 3409919 | 42.534 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 25.31 | 276 | 4223175 | 40.313 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 22.57 | 252 | 3939264 | 40.088 | ng | # | 93 |
| 88) Benzo(k)fluoranthene | 22.62 | 252 | 3735601 | 39.801 | ng | # | 95 |
| 89) Benzo(a)pyrene | 23.11 | 252 | 3614276 | 40.409 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 25.32 | 278 | 3422885 | 39.429 | ng | # | 90 |
| 91) Benzo(g,h,i)perylene | 25.95 | 276 | 3351056 | 39.269 | ng | # | 85 |

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

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