Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
Data File : BG034487.D
Acq On : 16 May 2018 14:17
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 16 19:34:04 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 16 19:55:14 2018
Response via : Initial Calibration

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC2.5

**Manual Integrations APPROVED**
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5/17/2018 5:04:08 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.04 | 152 | 35957 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.86 | 136 | 151289 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.69 | 164 | 118315 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.45 | 188 | 339543 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.73 | 240 | 390258 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.00 | 264 | 390203 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.62 | 112 | 10732 | 4.82 | ng | | 0.00 |
| 7) Phenol-d6 | 7.21 | 99 | 17545 | 5.06 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.21 | 82 | 19279 | 4.89 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.18 | 330 | 10074 | 6.15 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.31 | 172 | 46676 | 5.75 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.06 | 244 | 91855 | 5.16 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 4) n-Nitrosodimethylamine | 3.84 | 42 | 3357 | 2.100 | ng | # | 71 |
| 8) 2-Chlorophenol | 7.61 | 128 | 5973 | 2.690 | ng | | 81 |
| 10) Phenol | 7.23 | 94 | 8603 | 2.462 | ng | # | 67 |
| 11) bis(2-Chloroethyl)ether | 7.46 | 93 | 6551 | 2.381 | ng | | 81 |
| 12) 1,3-Dichlorobenzene | 7.93 | 146 | 6844m | 2.436 | ng | | |
| 13) 1,4-Dichlorobenzene | 8.09 | 146 | 7139m | 2.558 | ng | | |
| 14) 1,2-Dichlorobenzene | 8.40 | 146 | 7565m | 2.854 | ng | | |
| 15) Benzyl Alcohol | 8.28 | 79 | 7631 | 2.065 | ng | # | 79 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57 | 45 | 6523 | 1.723 | ng | | 84 |
| 17) 2-Methylphenol | 8.50 | 107 | 6999 | 3.044 | ng | # | 73 |
| 18) Hexachloroethane | 9.14 | 117 | 3002 | 2.529 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.84 | 70 | 6738 | 2.165 | ng | # | 81 |
| 20) 3+4-Methylphenols | 8.82 | 107 | 9057 | 2.659 | ng | # | 72 |
| 22) Acetophenone | 8.86 | 105 | 12063 | 2.341 | ng | # | 87 |
| 24) Nitrobenzene | 9.26 | 77 | 9171 | 2.125 | ng | # | 90 |
| 25) Isophorone | 9.77 | 82 | 18687 | 2.323 | ng | # | 88 |
| 26) 2-Nitrophenol | 9.97 | 139 | 3583 | 2.999 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 10.03 | 122 | 6167 | 2.662 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93 | 11120 | 2.814 | ng | # | 91 |
| 29) 2,4-Dichlorophenol | 10.51 | 162 | 5619 | 2.029 | ng | | 90 |
| 30) 1,2,4-Trichlorobenzene | 10.73 | 180 | 8712 | 2.613 | ng | # | 91 |
| 31) Naphthalene | 10.91 | 128 | 20654 | 2.597 | ng | # | 88 |
| 33) 4-Chloroaniline | 11.01 | 127 | 8089 | 2.256 | ng | # | 87 |
| 34) Hexachlorobutadiene | 11.20 | 225 | 6822 | 2.418 | ng | | 94 |
| 35) Caprolactam | 11.76 | 113 | 2352 | 2.392 | ng | # | 59 |
| 36) 4-Chloro-3-methylphenol | 12.15 | 107 | 8028 | 2.236 | ng | # | 71 |
| 37) 2-Methylnaphthalene | 12.52 | 142 | 17047 | 2.644 | ng | # | 91 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 10809 | 2.361 | ng | # | 89 |
| 40) Hexachlorocyclopentadiene | 12.86 | 237 | 7181 | 2.647 | ng | | 82 |
| 42) 2,4,6-Trichlorophenol | 13.13 | 196 | 5902 | 2.219 | ng | | 91 |
| 43) 2,4,5-Trichlorophenol | 13.21 | 196 | 6795 | 2.311 | ng | # | 69 |
| 45) 1,1'-Biphenyl | 13.53 | 154 | 22962 | 2.484 | ng | | 95 |
| 46) 2-Chloronaphthalene | 13.56 | 162 | 18429 | 2.634 | ng | # | 88 |
| 47) 2-Nitroaniline | 13.76 | 65 | 7194 | 2.571 | ng | # | 69 |

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|---|---|---|---|---|---|---|---|
| 48) Acenaphthylene | 14.41 | 152 | 29738 | 2.662 | ng | # | 89 |
| 49) Dimethylphthalate | 14.13 | 163 | 25783 | 2.513 | ng | # | 98 |
| 50) 2,6-Dinitrotoluene | 14.26 | 165 | 5038 | 2.557 | ng | | 93 |
| 51) Acenaphthene | 14.76 | 154 | 18579 | 2.447 | ng | # | 88 |
| 52) 3-Nitroaniline | 14.59 | 138 | 4492 | 2.262 | ng | # | 70 |
| 54) Dibenzofuran | 15.09 | 168 | 32676 | 2.968 | ng | # | 62 |
| 56) 2,4-Dinitrotoluene | 15.05 | 165 | 7270 | 2.717 | ng | # | 79 |
| 57) Fluorene | 15.74 | 166 | 23595 | 2.459 | ng | # | 81 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.31 | 232 | 7983 | 2.624 | ng | # | 97 |
| 59) Diethylphthalate | 15.50 | 149 | 26875 | 2.475 | ng | # | 85 |
| 60) 4-Chlorophenyl-phenylether | 15.73 | 204 | 15221 | 2.667 | ng | # | 82 |
| 61) 4-Nitroaniline | 15.76 | 138 | 6145 | 2.917 | ng | # | 69 |
| 62) Azobenzene | 16.03 | 77 | 29471 | 2.513 | ng | | 94 |
| 65) n-Nitrosodiphenylamine | 15.94 | 169 | 23334 | 2.520 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 16.63 | 248 | 8926 | 2.117 | ng | # | 79 |
| 67) Hexachlorobenzene | 16.75 | 284 | 10669 | 2.493 | ng | # | 77 |
| 68) Atrazine | 16.90 | 200 | 11446 | 3.019 | ng | | 99 |
| 69) Pentachlorophenol | 17.10 | 266 | 5347 | 1.793 | ng | # | 68 |
| 70) Phenanthrene | 17.48 | 178 | 47141 | 2.702 | ng | | 98 |
| 71) Anthracene | 17.58 | 178 | 48493m | 2.742 | ng | | |
| 72) Carbazole | 17.85 | 167 | 37793 | 2.335 | ng | # | 89 |
| 73) Di-n-butylphthalate | 18.41 | 149 | 48270 | 2.477 | ng | # | 92 |
| 74) Fluoranthene | 19.50 | 202 | 57366 | 2.602 | ng | | 93 |
| 77) Pyrene | 19.86 | 202 | 59444 | 2.431 | ng | | 96 |
| 79) Butylbenzylphthalate | 20.75 | 149 | 21794 | 2.283 | ng | # | 82 |
| 80) Benzo(a)anthracene | 21.71 | 228 | 66627 | 2.664 | ng | | 95 |
| 81) 3,3'-Dichlorobenzidine | 21.62 | 252 | 23150 | 2.448 | ng | # | 93 |
| 82) Chrysene | 21.78 | 228 | 58117 | 2.428 | ng | | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 21.62 | 149 | 30922 | 2.354 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 22.85 | 149 | 49689 | 2.368 | ng | # | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 28.72 | 276 | 64965m | 2.466 | ng | | |
| 87) Benzo(b)fluoranthene | 23.96 | 252 | 63156 | 2.562 | ng | # | 89 |
| 88) Benzo(k)fluoranthene | 24.03 | 252 | 58281 | 2.474 | ng | # | 94 |
| 89) Benzo(a)pyrene | 24.84 | 252 | 56799 | 2.463 | ng | # | 93 |
| 90) Dibenzo(a,h)anthracene | 28.79 | 278 | 56902 | 2.618 | ng | # | 93 |
| 91) Benzo(g,h,i)perylene | 29.88 | 276 | 58706 | 2.740 | ng | # | 90 |

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

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