Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
Data File : BG040439.D
Acq On : 11 Apr 2019 13:28
Operator : JU/SJ
Sample : PB118804BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB118804BS

**Manual Integrations APPROVED**
Sohil
4/15/2019 12:22:59 AM

Quant Time: Apr 12 03:50:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.04 | 152 | 54508 | 20.00 | ng | -0.03 |
| 21) Naphthalene-d8 | 10.86 | 136 | 237685 | 20.00 | ng | -0.03 |
| 39) Acenaphthene-d10 | 14.67 | 164 | 153225 | 20.00 | ng | -0.03 |
| 64) Phenanthrene-d10 | 17.42 | 188 | 415620 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 21.70 | 240 | 439389 | 20.00 | ng | -0.04 |
| 87) Perylene-d12 | 24.97 | 264 | 431005 | 20.00 | ng | -0.06 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 456257 | 139.15 | ng | -0.02 |
| 7) Phenol-d6 | 7.21 | 99 | 631028 | 139.26 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 9.22 | 82 | 390986 | 87.44 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 263367 | 159.04 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 13.30 | 172 | 880593 | 85.16 | ng | -0.02 |
| 79) Terphenyl-d14 | 20.02 | 244 | 1590126 | 81.41 | ng | -0.03 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.49 | 88 | 53669 | 34.810 | ng | # 95 |
| 3) Pyridine | 3.89 | 79 | 132367 | 31.887 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.82 | 42 | 72364 | 37.686 | ng | # 90 |
| 6) Aniline | 7.37 | 93 | 182879 | 31.063 | ng | 98 |
| 8) 2-Chlorophenol | 7.61 | 128 | 163244 | 42.531 | ng | 96 |
| 9) Benzaldehyde | 7.19 | 77 | 74051 | 23.824 | ng | 93 |
| 10) Phenol | 7.23 | 94 | 215102 | 43.733 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.46 | 93 | 157516 | 39.985 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 7.93 | 146 | 159779 | 38.295 | ng | 95 |
| 13) 1,4-Dichlorobenzene | 8.08 | 146 | 162373 | 39.073 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.40 | 146 | 156951 | 39.495 | ng | 96 |
| 15) Benzyl Alcohol | 8.29 | 79 | 142927 | 39.165 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57 | 45 | 297461 | 39.344 | ng | 98 |
| 17) 2-Methylphenol | 8.48 | 107 | 145862 | 42.857 | ng | 99 |
| 18) Hexachloroethane | 9.12 | 117 | 59639 | 37.729 | ng | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.85 | 70 | 123006 | 37.861 | ng | 97 |
| 20) 3+4-Methylphenols | 8.81 | 107 | 200837 | 43.559 | ng | 98 |
| 22) Acetophenone | 8.88 | 105 | 242032 | 40.822 | ng | # 98 |
| 24) Nitrobenzene | 9.26 | 77 | 186001 | 40.168 | ng | 98 |
| 25) Isophorone | 9.77 | 82 | 361572 | 39.298 | ng | 99 |
| 26) 2-Nitrophenol | 9.97 | 139 | 90865 | 41.413 | ng | 98 |
| 27) 2,4-Dimethylphenol | 10.01 | 122 | 167779 | 48.140 | ng | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93 | 215876 | 39.658 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.50 | 162 | 166144 | 43.919 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.71 | 180 | 170333 | 41.006 | ng | 97 |
| 31) Naphthalene | 10.91 | 128 | 497600 | 40.844 | ng | 99 |
| 32) Benzoic acid | 10.17 | 122 | 66993 | 31.814 | ng | 93 |
| 33) 4-Chloroaniline | 11.03 | 127 | 145305 | 27.961 | ng | 97 |
| 34) Hexachlorobutadiene | 11.17 | 225 | 101959 | 38.380 | ng | 94 |
| 35) Caprolactam | 11.81 | 113 | 64480m | 42.951 | ng | |
| 36) 4-Chloro-3-methylphenol | 12.14 | 107 | 190567 | 43.818 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.51 | 142 | 372258 | 41.314 | ng | 98 |
| 38) 1-Methylnaphthalene | 12.73 | 142 | 359165 | 41.107 | ng | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 190367 | 39.090 | ng | 99 |

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|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.84 | 237 | 213513 | 79.848 | ng | 96 |
| 43) 2,4,6-Trichlorophenol | 13.11 | 196 | 137795 | 43.886 | ng | 97 |
| 44) 2,4,5-Trichlorophenol | 13.19 | 196 | 150236 | 43.898 | ng | 96 |
| 46) 1,1'-Biphenyl | 13.51 | 154 | 484258 | 39.999 | ng | 98 |
| 47) 2-Chloronaphthalene | 13.56 | 162 | 378684 | 40.777 | ng | 100 |
| 48) 2-Nitroaniline | 13.77 | 65 | 135012 | 43.101 | ng | 98 |
| 49) Acenaphthylene | 14.40 | 152 | 622718 | 39.549 | ng | 100 |
| 50) Dimethylphthalate | 14.13 | 163 | 503015 | 41.946 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.26 | 165 | 117391 | 43.597 | ng | 96 |
| 52) Acenaphthene | 14.74 | 154 | 370713 | 41.089 | ng | 97 |
| 53) 3-Nitroaniline | 14.60 | 138 | 97774 | 34.304 | ng | 92 |
| 54) 2,4-Dinitrophenol | 14.80 | 184 | 128348 | 89.628 | ng | 94 |
| 55) Dibenzofuran | 15.07 | 168 | 619364 | 42.722 | ng | 98 |
| 56) 4-Nitrophenol | 14.90 | 139 | 208403 | 90.595 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 15.04 | 165 | 174756 | 46.708 | ng | 96 |
| 58) Fluorene | 15.72 | 166 | 490289 | 43.014 | ng | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.30 | 232 | 149777 | 48.228 | ng | 98 |
| 60) Diethylphthalate | 15.48 | 149 | 546761 | 44.556 | ng | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204 | 262575 | 43.097 | ng | 100 |
| 62) 4-Nitroaniline | 15.76 | 138 | 141792 | 46.356 | ng | 95 |
| 63) Azobenzene | 16.00 | 77 | 502578 | 43.419 | ng | 100 |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198 | 96789 | 41.451 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.93 | 169 | 476808 | 39.204 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.60 | 248 | 176614 | 37.761 | ng | 97 |
| 68) Hexachlorobenzene | 16.72 | 284 | 184102 | 39.148 | ng | 97 |
| 69) Atrazine | 16.87 | 200 | 181868 | 40.199 | ng | 98 |
| 70) Pentachlorophenol | 17.07 | 266 | 211893 | 77.936 | ng | 95 |
| 71) Phenanthrene | 17.47 | 178 | 894660 | 40.954 | ng | 99 |
| 72) Anthracene | 17.56 | 178 | 920476 | 42.096 | ng | 98 |
| 73) Carbazole | 17.83 | 167 | 886780 | 42.853 | ng | 99 |
| 74) Di-n-butylphthalate | 18.36 | 149 | 1070001 | 43.622 | ng | 99 |
| 75) Fluoranthene | 19.47 | 202 | 1133033 | 43.800 | ng | 99 |
| 77) Benzidine | 19.66 | 184 | 421237 | 26.548 | ng | 99 |
| 78) Pyrene | 19.83 | 202 | 1116047 | 38.625 | ng | 99 |
| 80) Butylbenzylphthalate | 20.70 | 149 | 520318 | 42.082 | ng | 96 |
| 81) Benzo(a)anthracene | 21.68 | 228 | 1044523 | 38.595 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.59 | 252 | 307659 | 29.884 | ng | 97 |
| 83) Chrysene | 21.74 | 228 | 1039207 | 39.954 | ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149 | 756214 | 42.785 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.76 | 149 | 1287950 | 42.770 | ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 28.74 | 276 | 1274939 | 40.077 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.92 | 252 | 1132104 | 42.903 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.99 | 252 | 1089717 | 44.906 | ng | 99 |
| 90) Benzo(a)pyrene | 24.82 | 252 | 1107608 | 44.736 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.80 | 278 | 1041778 | 45.305 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 29.93 | 276 | 1063267 | 44.993 | ng | 98 |

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

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