Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040338.D
Acq On : 3 Apr 2019 23:09
Operator : JU/SJ
Sample : K1695-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DPC-91723-SO-TP5-BMSD

**Manual Integrations APPROVED**
sohil
4/4/2019 4:47:02 AM

Quant Time: Apr 04 03:16:40 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 | 8.05 | 152 | 62464 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.86 | 136 | 243782 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.68 | 164 | 153727 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 17.43 | 188 | 381993 | 20.00 | ng | | -0.02 |
| 76) Chrysene-d12 | 21.70 | 240 | 390790 | 20.00 | ng | | -0.03 |
| 87) Perylene-d12 | 24.98 | 264 | 411250 | 20.00 | ng | | -0.06 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 628421 | 167.25 | ng | | -0.01 |
| 7) Phenol-d6 | 7.21 | 99 | 884733 | 170.38 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 9.22 | 82 | 532168 | 116.03 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.18 | 330 | 345296 | 207.84 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 13.30 | 172 | 1134471 | 109.35 | ng | | -0.02 |
| 79) Terphenyl-d14 | 20.02 | 244 | 1763890 | 101.54 | ng | | -0.03 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.50 | 88 | 73805 | 41.773 | ng | | 98 |
| 3) Pyridine | 3.90 | 79 | 198213 | 41.668 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.82 | 42 | 108518 | 49.316 | ng | # | 83 |
| 6) Aniline | 7.38 | 93 | 171469 | 25.416 | ng | | 98 |
| 8) 2-Chlorophenol | 7.61 | 128 | 229152 | 52.098 | ng | | 97 |
| 9) Benzaldehyde | 7.19 | 77 | 154440 | 43.358 | ng | | 94 |
| 10) Phenol | 7.23 | 94 | 309911 | 54.984 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.47 | 93 | 226438 | 50.159 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.93 | 146 | 236957 | 49.558 | ng | | 94 |
| 13) 1,4-Dichlorobenzene | 8.08 | 146 | 241219 | 50.653 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.40 | 146 | 229407 | 50.374 | ng | | 98 |
| 15) Benzyl Alcohol | 8.29 | 79 | 219961 | 52.597 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57 | 45 | 422370 | 48.750 | ng | | 98 |
| 17) 2-Methylphenol | 8.48 | 107 | 215268 | 55.193 | ng | | 96 |
| 18) Hexachloroethane | 9.12 | 117 | 88452 | 48.830 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.85 | 70 | 185073 | 49.709 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.82 | 107 | 294665 | 55.769 | ng | | 99 |
| 22) Acetophenone | 8.88 | 105 | 351610 | 57.820 | ng | | 99 |
| 24) Nitrobenzene | 9.27 | 77 | 264423 | 55.676 | ng | | 99 |
| 25) Isophorone | 9.78 | 82 | 533609 | 56.545 | ng | | 97 |
| 26) 2-Nitrophenol | 9.98 | 139 | 130339 | 57.917 | ng | | 100 |
| 27) 2,4-Dimethylphenol | 10.02 | 122 | 244008 | 68.261 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93 | 318199 | 56.993 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.51 | 162 | 247621 | 63.819 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.72 | 180 | 247546 | 58.104 | ng | | 99 |
| 31) Naphthalene | 10.91 | 128 | 712430 | 57.014 | ng | | 99 |
| 32) Benzoic acid | 10.15 | 122 | 74457 | 34.474 | ng | | 93 |
| 33) 4-Chloroaniline | 11.03 | 127 | 76659 | 14.382 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.18 | 225 | 148630 | 54.548 | ng | | 97 |
| 35) Caprolactam | 11.83 | 113 | 96782m | 62.855 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.14 | 107 | 284359 | 63.749 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.51 | 142 | 539861 | 58.417 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.73 | 142 | 520954 | 58.132 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 281137 | 57.539 | ng | | 99 |

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|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.84 | 237 | 326418 | 121.673 | ng | 97 |
| 43) 2,4,6-Trichlorophenol | 13.11 | 196 | 208032 | 66.039 | ng | 97 |
| 44) 2,4,5-Trichlorophenol | 13.19 | 196 | 230048 | 66.999 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.51 | 154 | 697267 | 57.405 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.56 | 162 | 538874 | 57.837 | ng | 98 |
| 48) 2-Nitroaniline | 13.77 | 65 | 196213 | 62.434 | ng | 95 |
| 49) Acenaphthylene | 14.41 | 152 | 905462 | 57.319 | ng | 98 |
| 50) Dimethylphthalate | 14.13 | 163 | 803552 | 66.789 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.27 | 165 | 165705 | 61.339 | ng | 99 |
| 52) Acenaphthene | 14.75 | 154 | 522592 | 57.733 | ng | 99 |
| 53) 3-Nitroaniline | 14.59 | 138 | 62729 | 21.937 | ng | 96 |
| 54) 2,4-Dinitrophenol | 14.81 | 184 | 205301 | 142.898 | ng | 97 |
| 55) Dibenzofuran | 15.08 | 168 | 863822 | 59.389 | ng | 99 |
| 56) 4-Nitrophenol | 14.91 | 139 | 309268 | 134.003 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 15.05 | 165 | 239292 | 63.748 | ng | 100 |
| 58) Fluorene | 15.73 | 166 | 673212 | 58.870 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.30 | 232 | 217906 | 69.936 | ng | 99 |
| 60) Diethylphthalate | 15.49 | 149 | 757796 | 61.552 | ng | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204 | 365041 | 59.719 | ng | 96 |
| 62) 4-Nitroaniline | 15.76 | 138 | 189069 | 61.610 | ng | 99 |
| 63) Azobenzene | 16.00 | 77 | 689023 | 59.332 | ng | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198 | 142465 | 66.383 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.93 | 169 | 654069 | 58.513 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.60 | 248 | 241710 | 56.228 | ng | 94 |
| 68) Hexachlorobenzene | 16.72 | 284 | 251797 | 58.257 | ng | 97 |
| 69) Atrazine | 16.87 | 200 | 247459 | 59.511 | ng | 98 |
| 70) Pentachlorophenol | 17.07 | 266 | 318744 | 127.557 | ng | 96 |
| 71) Phenanthrene | 17.47 | 178 | 1146878 | 57.120 | ng | 98 |
| 72) Anthracene | 17.56 | 178 | 1182104 | 58.821 | ng | 99 |
| 73) Carbazole | 17.83 | 167 | 1137367 | 59.801 | ng | 98 |
| 74) Di-n-butylphthalate | 18.37 | 149 | 1321182 | 58.603 | ng | 99 |
| 75) Fluoranthene | 19.47 | 202 | 1423936 | 59.892 | ng | 98 |
| 77) Benzidine | 19.66 | 184 | 545489 | 38.655 | ng | 99 |
| 78) Pyrene | 19.84 | 202 | 1427809 | 55.559 | ng | 97 |
| 80) Butylbenzylphthalate | 20.71 | 149 | 659245 | 59.948 | ng | 98 |
| 81) Benzo(a)anthracene | 21.68 | 228 | 1336396 | 55.520 | ng | 96 |
| 82) 3,3'-Dichlorobenzidine | 21.59 | 252 | 248766 | 27.168 | ng | 96 |
| 83) Chrysene | 21.75 | 228 | 1316395 | 56.905 | ng | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149 | 930030 | 59.163 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.77 | 149 | 1579553 | 58.977 | ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 28.75 | 276 | 1699182 | 60.056 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.93 | 252 | 1459563 | 57.969 | ng | 97 |
| 89) Benzo(k)fluoranthene | 24.00 | 252 | 1385988 | 59.859 | ng | 99 |
| 90) Benzo(a)pyrene | 24.83 | 252 | 1427472 | 60.425 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.81 | 278 | 1377002 | 62.760 | ng | 97 |
| 92) Benzo(g,h,i)perylene | 29.94 | 276 | 1420266 | 62.987 | ng | 98 |

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

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