Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073020\
Data File : BG046115.D
Acq On : 30 Jul 2020 17:55
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICC080

**Manual Integrations APPROVED**
Sohil
7/31/2020 12:04:18 PM

Quant Time: Jul 30 18:48:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 16:37:34 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.96 | 152 | 115254 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.76 | 136 | 404505 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.59 | 164 | 258587 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.33 | 188 | 594421 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.58 | 240 | 585564 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.68 | 264 | 640013 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.54 | 112 | 1003602 | 141.21 | ng | | 0.00 |
| 7) Phenol-d6 | 7.13 | 99 | 1341099 | 131.07 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 9.12 | 82 | 1192157 | 169.63 | ng | | 0.01 |
| 42) 2,4,6-Tribromophenol | 16.07 | 330 | 662650 | 276.11 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.21 | 172 | 2459909 | 148.38 | ng | | 0.00 |
| 79) Terphenyl-d14 | 0.00 | 244 | 0d | 0.00 | ng | | |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.45 | 88 | 231670 | 70.654 | ng | | 99 |
| 3) Pyridine | 3.85 | 79 | 647127m | 65.270 | ng | | |
| 4) n-Nitrosodimethylamine | 3.76 | 42 | 282032 | 84.125 | ng | | 98 |
| 6) Aniline | 7.28 | 93 | 815048 | 62.267 | ng | | 97 |
| 8) 2-Chlorophenol | 7.53 | 128 | 541924 | 70.833 | ng | | 96 |
| 9) Benzaldehyde | 7.10 | 77 | 359056 | 55.385 | ng | | 95 |
| 10) Phenol | 7.15 | 94 | 674581 | 65.722 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.38 | 93 | 544214 | 64.119 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.85 | 146 | 660517 | 74.901 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.00 | 146 | 655292 | 75.538 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.31 | 146 | 614414 | 73.590 | ng | | 97 |
| 15) Benzyl Alcohol | 8.19 | 79 | 509634 | 63.522 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.49 | 45 | 882543 | 79.695 | ng | | 98 |
| 17) 2-Methylphenol | 8.40 | 107 | 472727 | 61.380 | ng | | 99 |
| 18) Hexachloroethane | 9.04 | 117 | 230333 | 69.006 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.77 | 70 | 447811 | 62.298 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.74 | 107 | 656965 | 62.589 | ng | | 98 |
| 22) Acetophenone | 8.78 | 105 | 809855 | 74.943 | ng | # | 97 |
| 24) Nitrobenzene | 9.16 | 77 | 641462 | 82.697 | ng | | 98 |
| 25) Isophorone | 9.69 | 82 | 1211801 | 70.633 | ng | | 98 |
| 26) 2-Nitrophenol | 9.86 | 139 | 328543 | 129.947 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.93 | 122 | 478868 | 78.416 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 10.16 | 93 | 634584 | 65.869 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.40 | 162 | 578996 | 91.589 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.62 | 180 | 640224 | 91.402 | ng | | 98 |
| 31) Naphthalene | 10.81 | 128 | 1620422 | 74.726 | ng | | 97 |
| 32) Benzoic acid | 10.12 | 122 | 391203 | 118.305 | ng | | 98 |
| 33) 4-Chloroaniline | 10.91 | 127 | 723337 | 74.647 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.10 | 225 | 428748 | 104.834 | ng | | 100 |
| 35) Caprolactam | 11.71 | 113 | 200912 | 83.708 | ng | # | 86 |
| 36) 4-Chloro-3-methylphenol | 12.04 | 107 | 572351 | 79.492 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.41 | 142 | 1260423 | 81.767 | ng | | 96 |
| 38) 1-Methylnaphthalene | 12.63 | 142 | 1194421 | 82.104 | ng | | 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.78 | 216 | 725784 | 99.567 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.77 | 237 | 444074 | 102.670 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 13.02 | 196 | 503305 | 102.094 | ng | | 96 |
| 44) 2,4,5-Trichlorophenol | 13.10 | 196 | 545429 | 97.853 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.42 | 154 | 1522324 | 78.259 | ng | | 96 |
| 47) 2-Chloronaphthalene | 13.46 | 162 | 1229878 | 80.132 | ng | | 94 |
| 48) 2-Nitroaniline | 13.66 | 65 | 378244 | 105.301 | ng | | 98 |
| 49) Acenaphthylene | 14.31 | 152 | 1878377 | 75.854 | ng | | 95 |
| 50) Dimethylphthalate | 14.05 | 163 | 1506738 | 77.642 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.16 | 165 | 386054 | 128.206 | ng | | 96 |
| 52) Acenaphthene | 14.65 | 154 | 1314525 | 84.159 | ng | | 98 |
| 53) 3-Nitroaniline | 14.49 | 138 | 397484 | 106.520 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.69 | 184 | 239146 | 225.143 | ng | | 92 |
| 55) Dibenzofuran | 14.99 | 168 | 1834128 | 80.107 | ng | | 94 |
| 56) 4-Nitrophenol | 14.80 | 139 | 346343 | 109.544 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.95 | 165 | 541012 | 145.407 | ng | | 97 |
| 58) Fluorene | 15.63 | 166 | 1493319 | 79.505 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.21 | 232 | 506428 | 117.677 | ng | | 99 |
| 60) Diethylphthalate | 15.41 | 149 | 1500683 | 73.737 | ng | | 96 |
| 61) 4-Chlorophenyl-phenylether | 15.63 | 204 | 804843 | 86.131 | ng | | 98 |
| 62) 4-Nitroaniline | 15.65 | 138 | 398213 | 99.282 | ng | | 97 |
| 63) Azobenzene | 15.92 | 77 | 1404589 | 64.302 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 15.71 | 198 | 353340 | 202.954 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.84 | 169 | 1366810 | 74.202 | ng | | 94 |
| 67) 4-Bromophenyl-phenylether | 16.52 | 248 | 585971 | 88.264 | ng | | 96 |
| 68) Hexachlorobenzene | 16.64 | 284 | 642147 | 96.390 | ng | | 98 |
| 69) Atrazine | 16.79 | 200 | 549389 | 100.878 | ng | | 100 |
| 70) Pentachlorophenol | 16.98 | 266 | 459490 | 124.054 | ng | | 98 |
| 71) Phenanthrene | 17.37 | 178 | 2298912 | 73.155 | ng | | 93 |
| 72) Anthracene | 17.46 | 178 | 2301429 | 72.164 | ng | # | 91 |
| 73) Carbazole | 17.72 | 167 | 2260813 | 70.724 | ng | | 93 |
| 74) Di-n-butylphthalate | 18.29 | 149 | 2317003 | 59.981 | ng | # | 94 |
| 75) Fluoranthene | 19.38 | 202 | 2720058 | 74.874 | ng | | 89 |
| 77) Benzidine | 19.55 | 184 | 1329370 | 79.400 | ng | | 97 |
| 78) Pyrene | 19.74 | 202 | 2723896 | 68.147 | ng | # | 90 |
| 80) Butylbenzylphthalate | 20.63 | 149 | 1183124 | 62.637 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.56 | 228 | 2811292 | 73.015 | ng | | 90 |
| 82) 3,3'-Dichlorobenzidine | 21.47 | 252 | 1300730 | 91.424 | ng | | 94 |
| 83) Chrysene | 21.63 | 228 | 2717898 | 74.096 | ng | | 89 |
| 84) Bis(2-ethylhexyl)phthalate | 21.49 | 149 | 1557440 | 56.803 | ng | | 95 |
| 85) Di-n-octyl phthalate | 22.67 | 149 | 2757539 | 57.955 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 28.22 | 276 | 3951865 | 84.403 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 23.71 | 252 | 3242265 | 79.803 | ng | | 95 |
| 89) Benzo(k)fluoranthene | 23.78 | 252 | 3093289 | 80.519 | ng | | 96 |
| 90) Benzo(a)pyrene | 24.55 | 252 | 3086666 | 80.793 | ng | | 95 |
| 91) Dibenzo(a,h)anthracene | 28.29 | 278 | 3203987 | 84.842 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.33 | 276 | 3276486 | 86.215 | ng | | 97 |

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

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