Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062620\
Data File : BG045867.D
Acq On : 26 Jun 2020 10:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040

Quant Time: Jun 26 12:18:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 15:44:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 54131 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.72 | 136 | 212098 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.57 | 164 | 163459 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.32 | 188 | 406411 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.57 | 240 | 408560 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.69 | 264 | 456073 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.51 | 112 | 256131 | 79.93 | ng | | 0.00 |
| 7) Phenol-d6 | 7.13 | 99 | 405216 | 83.13 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.08 | 82 | 379807 | 81.81 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.06 | 330 | 207292 | 84.00 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.18 | 172 | 892362 | 80.23 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.93 | 244 | 1602772 | 79.50 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.36 | 88 | 55641 | 37.911 | ng | | 95 |
| 3) Pyridine | 3.76 | 79 | 177423 | 40.795 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.68 | 42 | 64372 | 44.095 | ng | # | 99 |
| 6) Aniline | 7.24 | 93 | 235905 | 41.104 | ng | | 99 |
| 8) 2-Chlorophenol | 7.49 | 128 | 143189 | 41.746 | ng | | 96 |
| 9) Benzaldehyde | 7.05 | 77 | 119334 | 40.761 | ng | | 98 |
| 10) Phenol | 7.16 | 94 | 196831 | 41.676 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.33 | 93 | 140988 | 39.302 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.80 | 146 | 164494 | 40.242 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.95 | 146 | 166669 | 40.822 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.27 | 146 | 156209 | 39.964 | ng | | 95 |
| 15) Benzyl Alcohol | 8.17 | 79 | 162384 | 43.050 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.44 | 45 | 139663 | 41.309 | ng | | 79 |
| 17) 2-Methylphenol | 8.40 | 107 | 146893 | 41.793 | ng | | 96 |
| 18) Hexachloroethane | 8.99 | 117 | 62802 | 40.500 | ng | | 91 |
| 19) n-Nitroso-di-n-propylamine | 8.72 | 70 | 139749 | 43.610 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.73 | 107 | 198258 | 42.890 | ng | | 89 |
| 22) Acetophenone | 8.74 | 105 | 234477 | 40.278 | ng | # | 98 |
| 24) Nitrobenzene | 9.12 | 77 | 201082 | 40.620 | ng | | 99 |
| 25) Isophorone | 9.64 | 82 | 386227 | 42.971 | ng | | 99 |
| 26) 2-Nitrophenol | 9.83 | 139 | 85458 | 41.437 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.92 | 122 | 134426 | 42.692 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 10.12 | 93 | 194928 | 41.519 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.40 | 162 | 157895 | 42.981 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.58 | 180 | 176339 | 40.547 | ng | | 98 |
| 31) Naphthalene | 10.77 | 128 | 471045 | 40.622 | ng | | 99 |
| 32) Benzoic acid | 10.13 | 122 | 89580 | 44.640 | ng | | 95 |
| 33) 4-Chloroaniline | 10.89 | 127 | 209758 | 43.196 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.06 | 225 | 127128 | 41.102 | ng | | 97 |
| 35) Caprolactam | 11.67 | 113 | 59182 | 49.783 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 12.05 | 107 | 184017 | 43.384 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.38 | 142 | 363667 | 42.117 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.60 | 142 | 345016 | 42.224 | ng | | 96 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.76 | 216 | 209142 | 38.857 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.73 | 237 | 90263 | 35.585 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 13.01 | 196 | 142694 | 39.103 | ng | | 100 |
| 44) 2,4,5-Trichlorophenol | 13.10 | 196 | 163322 | 39.269 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.39 | 154 | 467639 | 39.960 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.44 | 162 | 373271 | 39.486 | ng | | 98 |
| 48) 2-Nitroaniline | 13.65 | 65 | 136089 | 43.278 | ng | | 94 |
| 49) Acenaphthylene | 14.28 | 152 | 609656 | 40.263 | ng | | 99 |
| 50) Dimethylphthalate | 14.03 | 163 | 526203 | 41.093 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 14.14 | 165 | 122657 | 42.647 | ng | | 98 |
| 52) Acenaphthene | 14.62 | 154 | 370151 | 40.329 | ng | | 99 |
| 53) 3-Nitroaniline | 14.48 | 138 | 121892 | 42.430 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.69 | 184 | 65131 | 45.540 | ng | # | 91 |
| 55) Dibenzofuran | 14.97 | 168 | 616899 | 41.375 | ng | | 97 |
| 56) 4-Nitrophenol | 14.85 | 139 | 78843 | 40.377 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.94 | 165 | 177978 | 43.190 | ng | | 98 |
| 58) Fluorene | 15.62 | 166 | 514374 | 41.488 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.21 | 232 | 150945 | 41.815 | ng | | 98 |
| 60) Diethylphthalate | 15.39 | 149 | 561515 | 42.895 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.61 | 204 | 299344 | 41.891 | ng | | 98 |
| 62) 4-Nitroaniline | 15.65 | 138 | 134648 | 45.669 | ng | | 95 |
| 63) Azobenzene | 15.90 | 77 | 529690 | 42.141 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.71 | 198 | 110165 | 43.862 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 15.82 | 169 | 456143 | 39.626 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.50 | 248 | 210819 | 39.922 | ng | | 99 |
| 68) Hexachlorobenzene | 16.63 | 284 | 223097 | 40.742 | ng | | 94 |
| 69) Atrazine | 16.77 | 200 | 162869 | 36.462 | ng | | 96 |
| 70) Pentachlorophenol | 16.98 | 266 | 88375 | 37.235 | ng | | 95 |
| 71) Phenanthrene | 17.36 | 178 | 848334 | 40.473 | ng | | 98 |
| 72) Anthracene | 17.45 | 178 | 844818 | 40.476 | ng | | 99 |
| 73) Carbazole | 17.73 | 167 | 835241 | 42.027 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.28 | 149 | 995581 | 42.308 | ng | | 99 |
| 75) Fluoranthene | 19.37 | 202 | 1092747 | 42.397 | ng | | 99 |
| 77) Benzidine | 19.55 | 184 | 450628 | 42.427 | ng | | 99 |
| 78) Pyrene | 19.73 | 202 | 1098180 | 40.140 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.62 | 149 | 472825 | 41.289 | ng | | 100 |
| 81) Benzo(a)anthracene | 21.56 | 228 | 1088628 | 41.098 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.47 | 252 | 415547 | 41.474 | ng | | 98 |
| 83) Chrysene | 21.62 | 228 | 1041064 | 40.634 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.46 | 149 | 655844 | 41.174 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.64 | 149 | 1136582 | 41.366 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.25 | 276 | 1380419 | 41.751 | ng | # | 99 |
| 88) Benzo(b)fluoranthene | 23.71 | 252 | 1179860 | 41.260 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.78 | 252 | 1111097 | 40.598 | ng | | 97 |
| 90) Benzo(a)pyrene | 24.55 | 252 | 1101350 | 41.231 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 28.31 | 278 | 1107119 | 41.756 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 29.36 | 276 | 1108552 | 41.772 | ng | | 98 |

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

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