Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041269.D
Acq On : 17 Jun 2019 11:11
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDICCC040

Quant Time: Jun 17 11:56:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:50:26 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.08 | 152 | 30922 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.91 | 136 | 131241 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.72 | 164 | 96288 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.46 | 188 | 253605 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.74 | 240 | 257661 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 25.04 | 264 | 276625 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.62 | 112 | 137021 | 81.65 | ng | 0.00 |
| 7) Phenol-d6 | 7.23 | 99 | 202034 | 78.75 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.26 | 82 | 248449 | 82.16 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.21 | 330 | 118199 | 88.74 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.34 | 172 | 573477 | 78.83 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.06 | 244 | 1102118 | 83.87 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.47 | 88 | 31872 | 45.558 | ng | 100 |
| 3) Pyridine | 3.89 | 79 | 91093 | 44.570 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.81 | 42 | 48560 | 45.673 | ng | 100 |
| 6) Aniline | 7.41 | 93 | 141135 | 42.173 | ng | 100 |
| 8) 2-Chlorophenol | 7.64 | 128 | 81962 | 39.475 | ng | 100 |
| 9) Benzaldehyde | 7.22 | 77 | 61988 | 37.994 | ng | 100 |
| 10) Phenol | 7.26 | 94 | 109883 | 39.890 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.50 | 93 | 83376 | 41.324 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.97 | 146 | 101891 | 40.835 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 8.12 | 146 | 103026 | 40.598 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.44 | 146 | 97873 | 40.261 | ng | 100 |
| 15) Benzyl Alcohol | 8.33 | 79 | 96146 | 40.718 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.61 | 45 | 137300 | 42.520 | ng | 100 |
| 17) 2-Methylphenol | 8.52 | 107 | 77896 | 39.143 | ng | 100 |
| 18) Hexachloroethane | 9.16 | 117 | 40243 | 40.470 | ng | 100 |
| 19) n-Nitroso-di-n-propylamine | 8.89 | 70 | 83078 | 42.309 | ng | 100 |
| 20) 3+4-Methylphenols | 8.85 | 107 | 106025 | 38.706 | ng | 100 |
| 22) Acetophenone | 8.92 | 105 | 150998 | 41.573 | ng | 100 |
| 24) Nitrobenzene | 9.30 | 77 | 126057 | 41.576 | ng | 100 |
| 25) Isophorone | 9.82 | 82 | 229878 | 43.127 | ng | 100 |
| 26) 2-Nitrophenol | 10.01 | 139 | 50512 | 39.370 | ng | 100 |
| 27) 2,4-Dimethylphenol | 10.06 | 122 | 74796 | 38.350 | ng | 100 |
| 28) bis(2-Chloroethoxy)methane | 10.30 | 93 | 122385 | 42.413 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.55 | 162 | 96666 | 38.721 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.76 | 180 | 121695 | 40.373 | ng | 100 |
| 31) Naphthalene | 10.95 | 128 | 287158 | 41.269 | ng | 100 |
| 32) Benzoic acid | 10.21 | 122 | 54142 | 78.099 | ng | 100 |
| 33) 4-Chloroaniline | 11.07 | 127 | 122545 | 40.328 | ng | 100 |
| 34) Hexachlorobutadiene | 11.21 | 225 | 92679 | 39.908 | ng | 100 |
| 35) Caprolactam | 11.86 | 113 | 31930 | 44.820 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 12.18 | 107 | 109560 | 41.462 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.55 | 142 | 211688 | 40.563 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.77 | 142 | 201718 | 40.987 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.91 | 216 | 160008 | 38.192 | ng | 100 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.88 | 237 | 109403 | 59.989 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 13.16 | 196 | 97973 | 38.864 | ng | 100 |
| 44) 2,4,5-Trichlorophenol | 13.23 | 196 | 103608 | 41.105 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.55 | 154 | 290666 | 39.037 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.60 | 162 | 249908 | 38.447 | ng | 100 |
| 48) 2-Nitroaniline | 13.81 | 65 | 93169 | 41.466 | ng | 100 |
| 49) Acenaphthylene | 14.44 | 152 | 379621 | 40.702 | ng | 100 |
| 50) Dimethylphthalate | 14.17 | 163 | 341817 | 42.118 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.30 | 165 | 71543 | 41.087 | ng | 100 |
| 52) Acenaphthene | 14.78 | 154 | 221943 | 39.752 | ng | 100 |
| 53) 3-Nitroaniline | 14.63 | 138 | 71692 | 42.611 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.84 | 184 | 46652 | 135.115 | ng | 100 |
| 55) Dibenzofuran | 15.11 | 168 | 390094 | 41.288 | ng | 100 |
| 56) 4-Nitrophenol | 14.93 | 139 | 52987 | 58.973 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 15.08 | 165 | 103761 | 42.954 | ng | 100 |
| 58) Fluorene | 15.76 | 166 | 305705 | 41.674 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.34 | 232 | 107578 | 46.528 | ng | 100 |
| 60) Diethylphthalate | 15.52 | 149 | 346598 | 43.243 | ng | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.75 | 204 | 198195 | 41.259 | ng | 100 |
| 62) 4-Nitroaniline | 15.80 | 138 | 75371 | 46.061 | ng | 100 |
| 63) Azobenzene | 16.04 | 77 | 311163 | 43.075 | ng | 100 |
| 65) 4,6-Dinitro-2-methylphenol | 15.84 | 198 | 68078 | 73.610 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.97 | 169 | 273056 | 38.711 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.64 | 248 | 130724 | 38.914 | ng | 100 |
| 68) Hexachlorobenzene | 16.76 | 284 | 141833 | 38.832 | ng | 100 |
| 69) Atrazine | 16.91 | 200 | 105856 | 47.172 | ng | 100 |
| 70) Pentachlorophenol | 17.11 | 266 | 76086 | 60.146 | ng | 100 |
| 71) Phenanthrene | 17.51 | 178 | 542849 | 40.635 | ng | 100 |
| 72) Anthracene | 17.59 | 178 | 537573 | 40.599 | ng | 100 |
| 73) Carbazole | 17.87 | 167 | 466564 | 41.264 | ng | 100 |
| 74) Di-n-butylphthalate | 18.40 | 149 | 586451 | 41.748 | ng | 100 |
| 75) Fluoranthene | 19.51 | 202 | 725218 | 42.692 | ng | 100 |
| 77) Benzidine | 19.69 | 184 | 263784 | 65.940 | ng | 100 |
| 78) Pyrene | 19.87 | 202 | 729317 | 41.233 | ng | 100 |
| 80) Butylbenzylphthalate | 20.74 | 149 | 268730 | 39.683 | ng | 100 |
| 81) Benzo(a)anthracene | 21.72 | 228 | 714452 | 41.932 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.64 | 252 | 251649 | 48.025 | ng | 100 |
| 83) Chrysene | 21.79 | 228 | 688784 | 40.899 | ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149 | 370592 | 39.301 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.82 | 149 | 618455 | 39.507 | ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 28.85 | 276 | 806710 | 79.781 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.99 | 252 | 690651 | 40.866 | ng | 100 |
| 89) Benzo(k)fluoranthene | 24.06 | 252 | 695598 | 34.475 | ng | 100 |
| 90) Benzo(a)pyrene | 24.89 | 252 | 654867 | 39.775 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 28.91 | 278 | 655899 | 69.430 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 30.06 | 276 | 648256 | 79.766 | ng | 100 |

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

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