Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
Data File : BM019164.D
Acq On : 14 Mar 2019 12:01
Operator : JU/SJ
Sample : K1824-01MSRE
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TP-24MS

Quant Time: Mar 14 13:27:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 206273 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.44 | 136 | 936600 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.31 | 164 | 595205 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.07 | 188 | 1402802 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.27 | 240 | 1478460 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 23.50 | 264 | 1302736 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.26 | 112 | 1743118 | 136.85 | ng | | 0.00 |
| 7) Phenol-d6 | 6.84 | 99 | 2688101 | 144.28 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.83 | 82 | 1647926 | 83.17 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.82 | 330 | 1248098 | 142.02 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.92 | 172 | 3468242 | 75.79 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.70 | 244 | 6203407 | 83.30 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 172189 | 30.389 | ng | | 98 |
| 3) Pyridine | 3.62 | 79 | 273490 | 17.741 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.53 | 42 | 168474 | 35.155 | ng | | 91 |
| 6) Aniline | 7.00 | 93 | 396067 | 16.466 | ng | | 99 |
| 8) 2-Chlorophenol | 7.22 | 128 | 649214 | 42.415 | ng | | 98 |
| 9) Benzaldehyde | 6.82 | 77 | 298751 | 25.494 | ng | | 98 |
| 10) Phenol | 6.87 | 94 | 1058029 | 52.695 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.10 | 93 | 579161 | 37.802 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.54 | 146 | 583991 | 36.054 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.69 | 146 | 604421 | 36.601 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.00 | 146 | 595822 | 37.085 | ng | | 98 |
| 15) Benzyl Alcohol | 7.91 | 79 | 651019 | 42.221 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.19 | 45 | 581493 | 37.170 | ng | | 98 |
| 17) 2-Methylphenol | 8.10 | 107 | 581134 | 44.416 | ng | | 99 |
| 18) Hexachloroethane | 8.72 | 117 | 220921 | 36.002 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.47 | 70 | 597667 | 39.103 | ng | | 100 |
| 20) 3+4-Methylphenols | 8.43 | 107 | 814276 | 45.849 | ng | | 99 |
| 22) Acetophenone | 8.49 | 105 | 971418 | 37.530 | ng | # | 99 |
| 24) Nitrobenzene | 8.87 | 77 | 824312 | 40.002 | ng | | 99 |
| 25) Isophorone | 9.39 | 82 | 1539821 | 40.728 | ng | | 99 |
| 26) 2-Nitrophenol | 9.57 | 139 | 357284 | 41.829 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.63 | 122 | 626590 | 49.344 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 9.87 | 93 | 913100 | 40.788 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.10 | 162 | 666773 | 47.411 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.30 | 180 | 625440 | 39.440 | ng | | 99 |
| 31) Naphthalene | 10.49 | 128 | 1949164 | 39.484 | ng | | 99 |
| 32) Benzoic acid | 9.77 | 122 | 170090 | 15.816 | ng | | 98 |
| 33) 4-Chloroaniline | 10.63 | 127 | 212940 | 10.523 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.75 | 225 | 331890 | 36.470 | ng | | 99 |
| 35) Caprolactam | 11.45 | 113 | 101759 | 20.312 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.75 | 107 | 807330 | 46.524 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.11 | 142 | 1506523 | 41.996 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.33 | 142 | 1439015 | 40.698 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216 | 715073 | 37.980 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.44 | 237 | 755604 | 88.600 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.73 | 196 | 564638 | 46.406 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 12.80 | 196 | 603646 | 46.395 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.14 | 154 | 2016214 | 38.788 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.18 | 162 | 1555370 | 40.087 | ng | | 100 |
| 48) 2-Nitroaniline | 13.41 | 65 | 575782 | 44.249 | ng | | 97 |
| 49) Acenaphthylene | 14.03 | 152 | 2610788 | 39.796 | ng | | 100 |
| 50) Dimethylphthalate | 13.79 | 163 | 2589958 | 50.866 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.91 | 165 | 478260 | 43.451 | ng | | 99 |
| 52) Acenaphthene | 14.37 | 154 | 1505096 | 39.926 | ng | | 99 |
| 53) 3-Nitroaniline | 14.24 | 138 | 243194 | 20.861 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.46 | 184 | 464228 | 72.625 | ng | | 100 |
| 55) Dibenzofuran | 14.72 | 168 | 2475821 | 40.725 | ng | | 100 |
| 56) 4-Nitrophenol | 14.56 | 139 | 841891 | 88.452 | ng | | 98 |
| 57) 2,4-Dinitrotoluene | 14.70 | 165 | 691082 | 43.254 | ng | | 99 |
| 58) Fluorene | 15.36 | 166 | 2072892 | 41.366 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.94 | 232 | 552936 | 45.650 | ng | | 99 |
| 60) Diethylphthalate | 15.15 | 149 | 2207977 | 42.817 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.36 | 204 | 1027149 | 42.204 | ng | | 98 |
| 62) 4-Nitroaniline | 15.42 | 138 | 479323 | 40.800 | ng | | 99 |
| 63) Azobenzene | 15.66 | 77 | 2305663 | 42.490 | ng | | 100 |
| 65) 4,6-Dinitro-2-methylphenol | 15.46 | 198 | 348488 | 37.910 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.59 | 169 | 1833198 | 41.047 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.26 | 248 | 619454 | 40.044 | ng | | 98 |
| 68) Hexachlorobenzene | 16.36 | 284 | 740457 | 40.261 | ng | | 98 |
| 69) Atrazine | 16.54 | 200 | 656044 | 43.638 | ng | | 98 |
| 70) Pentachlorophenol | 16.72 | 266 | 923531 | 83.347 | ng | | 100 |
| 71) Phenanthrene | 17.11 | 178 | 3258157 | 39.626 | ng | | 100 |
| 72) Anthracene | 17.20 | 178 | 3340588 | 41.501 | ng | | 99 |
| 73) Carbazole | 17.48 | 167 | 3143730 | 41.380 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.03 | 149 | 3955132 | 43.052 | ng | | 100 |
| 75) Fluoranthene | 19.13 | 202 | 3794440 | 40.217 | ng | | 99 |
| 77) Benzidine | 19.34 | 184 | 343798 | 8.199 | ng | | 99 |
| 78) Pyrene | 19.50 | 202 | 3868613 | 41.356 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.40 | 149 | 1882832 | 46.212 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.25 | 228 | 3638726 | 39.230 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.19 | 252 | 748442 | 20.946 | ng | | 98 |
| 83) Chrysene | 21.30 | 228 | 3480504 | 38.787 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 2788953 | 47.051 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 22.05 | 149 | 4676045 | 46.848 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 25.77 | 276 | 3482105 | 36.049 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 22.83 | 252 | 3481634 | 41.245 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 22.87 | 252 | 3389743 | 43.658 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.41 | 252 | 3198032 | 42.157 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 25.77 | 278 | 2991573 | 41.225 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 26.46 | 276 | 2738954 | 41.111 | ng | | 100 |

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

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