Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018770.D
Acq On : 12 Feb 2019 13:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDCCC040

Quant Time: Feb 13 01:31:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 306443 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.50 | 136 | 1289598 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.36 | 164 | 767734 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.12 | 188 | 1761705 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.32 | 240 | 1945389 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 23.57 | 264 | 1967037 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 1515299 | 81.02 | ng | 0.00 |
| 7) Phenol-d6 | 6.89 | 99 | 2165998 | 82.21 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.89 | 82 | 2270692 | 81.42 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.86 | 330 | 916921 | 82.85 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.98 | 172 | 4532708 | 78.37 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.75 | 244 | 7965867 | 84.47 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.25 | 88 | 316863 | 38.898 | ng | 100 |
| 3) Pyridine | 3.65 | 79 | 956986 | 43.069 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.58 | 42 | 234202 | 41.432 | ng | 97 |
| 6) Aniline | 7.06 | 93 | 1315981 | 40.764 | ng | 99 |
| 8) 2-Chlorophenol | 7.28 | 128 | 834900 | 40.659 | ng | 99 |
| 9) Benzaldehyde | 6.87 | 77 | 591774 | 41.511 | ng | 100 |
| 10) Phenol | 6.92 | 94 | 1135867 | 40.972 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.15 | 93 | 871097 | 41.191 | ng | 98 |
| 12) 1,3-Dichlorobenzene | 7.60 | 146 | 920689 | 39.874 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.75 | 146 | 942621 | 40.101 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.06 | 146 | 900554 | 39.884 | ng | 98 |
| 15) Benzyl Alcohol | 7.96 | 79 | 875242 | 41.806 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.25 | 45 | 821985 | 40.159 | ng | 99 |
| 17) 2-Methylphenol | 8.16 | 107 | 724191 | 41.042 | ng | 98 |
| 18) Hexachloroethane | 8.78 | 117 | 346991 | 40.438 | ng | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.53 | 70 | 846298 | 41.484 | ng | 100 |
| 20) 3+4-Methylphenols | 8.49 | 107 | 1019146 | 41.828 | ng | 98 |
| 22) Acetophenone | 8.55 | 105 | 1437432 | 40.589 | ng | 100 |
| 24) Nitrobenzene | 8.93 | 77 | 1164351 | 40.219 | ng | 99 |
| 25) Isophorone | 9.45 | 82 | 1848014 | 41.527 | ng | 100 |
| 26) 2-Nitrophenol | 9.63 | 139 | 486602 | 42.207 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.69 | 122 | 685228 | 40.694 | ng | 98 |
| 28) bis(2-Chloroethoxy)methane | 9.93 | 93 | 1170947 | 40.690 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.16 | 162 | 803560 | 41.560 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.36 | 180 | 889747 | 39.847 | ng | 99 |
| 31) Naphthalene | 10.56 | 128 | 2502568 | 39.790 | ng | 99 |
| 32) Benzoic acid | 9.85 | 122 | 571564 | 38.912 | ng | 98 |
| 33) 4-Chloroaniline | 10.67 | 127 | 1159864 | 41.254 | ng | 100 |
| 34) Hexachlorobutadiene | 10.82 | 225 | 514802 | 39.720 | ng | 99 |
| 35) Caprolactam | 11.50 | 113 | 319324 | 40.468 | ng | 93 |
| 36) 4-Chloro-3-methylphenol | 11.80 | 107 | 972793 | 41.730 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.17 | 142 | 1780166 | 40.201 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.39 | 142 | 1730491 | 39.963 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.54 | 216 | 962592 | 39.195 | ng | 100 |

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|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.50 | 237 | 493523 | 39.305 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.79 | 196 | 665925 | 40.960 | ng | 99 |
| 44) 2,4,5-Trichlorophenol | 12.86 | 196 | 703289 | 41.271 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.19 | 154 | 2589232 | 39.180 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.24 | 162 | 2006142 | 39.303 | ng | 100 |
| 48) 2-Nitroaniline | 13.46 | 65 | 715822 | 42.225 | ng | 100 |
| 49) Acenaphthylene | 14.09 | 152 | 3051755 | 40.153 | ng | 99 |
| 50) Dimethylphthalate | 13.83 | 163 | 2554057 | 39.918 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.96 | 165 | 570793 | 41.183 | ng | 99 |
| 52) Acenaphthene | 14.43 | 154 | 1824959 | 39.159 | ng | 100 |
| 53) 3-Nitroaniline | 14.29 | 138 | 631681 | 40.336 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.50 | 184 | 296818 | 37.081 | ng | 98 |
| 55) Dibenzofuran | 14.77 | 168 | 3015773 | 39.370 | ng | 99 |
| 56) 4-Nitrophenol | 14.60 | 139 | 499563 | 39.961 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.74 | 165 | 805881 | 42.200 | ng | 99 |
| 58) Fluorene | 15.42 | 166 | 2321738 | 39.619 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.99 | 232 | 607411 | 40.326 | ng | 99 |
| 60) Diethylphthalate | 15.20 | 149 | 2635557 | 39.932 | ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.42 | 204 | 1296999 | 39.474 | ng | 97 |
| 62) 4-Nitroaniline | 15.46 | 138 | 621912 | 40.508 | ng | 99 |
| 63) Azobenzene | 15.70 | 77 | 2910960 | 41.134 | ng | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.51 | 198 | 482896 | 39.041 | ng | 94 |
| 66) n-Nitrosodiphenylamine | 15.63 | 169 | 2237651 | 40.203 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.31 | 248 | 786365 | 39.878 | ng | 100 |
| 68) Hexachlorobenzene | 16.41 | 284 | 905665 | 39.513 | ng | 99 |
| 69) Atrazine | 16.59 | 200 | 718706 | 40.053 | ng | 100 |
| 70) Pentachlorophenol | 16.76 | 266 | 615162 | 41.683 | ng | 99 |
| 71) Phenanthrene | 17.16 | 178 | 3765585 | 39.773 | ng | 100 |
| 72) Anthracene | 17.25 | 178 | 3709873 | 40.258 | ng | 100 |
| 73) Carbazole | 17.53 | 167 | 3906518 | 40.576 | ng | 99 |
| 74) Di-n-butylphthalate | 18.08 | 149 | 4643049 | 41.933 | ng | 100 |
| 75) Fluoranthene | 19.18 | 202 | 4420028 | 40.416 | ng | 99 |
| 77) Benzidine | 19.38 | 184 | 2137960 | 48.797 | ng | 100 |
| 78) Pyrene | 19.54 | 202 | 4648542 | 41.143 | ng | 99 |
| 80) Butylbenzylphthalate | 20.44 | 149 | 2254160 | 43.777 | ng | 98 |
| 81) Benzo(a)anthracene | 21.30 | 228 | 4609184 | 40.645 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.24 | 252 | 1879570 | 41.938 | ng | 99 |
| 83) Chrysene | 21.35 | 228 | 4446667 | 40.910 | ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 3311699 | 43.942 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.10 | 149 | 5553548 | 43.844 | ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 25.87 | 276 | 4733779 | 37.722 | ng | 100 |
| 88) Benzo(b)fluoranthene | 22.89 | 252 | 4610847 | 40.970 | ng | 99 |
| 89) Benzo(k)fluoranthene | 22.94 | 252 | 4546571 | 40.579 | ng | 99 |
| 90) Benzo(a)pyrene | 23.48 | 252 | 4285310 | 40.195 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 25.88 | 278 | 4068216 | 38.515 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.57 | 276 | 3675476 | 37.377 | ng | 99 |

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

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