Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020320\
Data File : BP001715.D
Acq On : 03 Feb 2020 11:31
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTDICC020

Quant Time: Feb 03 13:55:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 13:47:55 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 277130 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.50 | 136 | 1113766 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.35 | 164 | 656006 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.10 | 188 | 1340392 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.19 | 240 | 1289533 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 23.43 | 264 | 1435801 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 643698 | 45.50 | ng | 0.00 |
| 7) Phenol-d6 | 6.90 | 99 | 852497 | 37.70 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.86 | 82 | 700589 | 27.49 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.84 | 330 | 251630 | 25.20 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.97 | 172 | 1926204 | 43.17 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.67 | 244 | 2798116 | 39.69 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.30 | 88 | 136503 | 30.234 | ng | 99 |
| 3) Pyridine | 3.68 | 79 | 382054 | 23.418 | ng | 97 |
| 4) n-Nitrosodimethylamine | 3.59 | 42 | 145474 | 12.581 | ng | 94 |
| 6) Aniline | 7.06 | 93 | 529245 | 18.720 | ng | 100 |
| 8) 2-Chlorophenol | 7.29 | 128 | 357570 | 21.649 | ng | 100 |
| 9) Benzaldehyde | 6.87 | 77 | 249872 | 18.502 | ng | 98 |
| 10) Phenol | 6.92 | 94 | 436019 | 18.642 | ng | 96 |
| 11) bis(2-Chloroethyl)ether | 7.16 | 93 | 352075 | 19.193 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.62 | 146 | 443895 | 21.381 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.76 | 146 | 441525 | 20.567 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.08 | 146 | 428327 | 20.646 | ng | 100 |
| 15) Benzyl Alcohol | 7.96 | 79 | 279825 | 13.142 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.26 | 45 | 451460 | 13.248 | ng | 100 |
| 17) 2-Methylphenol | 8.16 | 107 | 290828 | 17.909 | ng | 97 |
| 18) Hexachloroethane | 8.80 | 117 | 149440 | 17.831 | ng | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.53 | 70 | 261235 | 15.155 | ng | 97 |
| 20) 3+4-Methylphenols | 8.49 | 107 | 376594 | 16.579 | ng | 98 |
| 22) Acetophenone | 8.53 | 105 | 566555 | 18.146 | ng | 97 |
| 24) Nitrobenzene | 8.90 | 77 | 365936 | 14.192 | ng | 98 |
| 25) Isophorone | 9.43 | 82 | 680721 | 14.893 | ng | 99 |
| 26) 2-Nitrophenol | 9.62 | 139 | 91183 | 9.357 | ng | 100 |
| 27) 2,4-Dimethylphenol | 9.69 | 122 | 265580 | 18.243 | ng | 100 |
| 28) bis(2-Chloroethoxy)methane | 9.92 | 93 | 469237 | 17.525 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.15 | 162 | 302058 | 15.158 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.36 | 180 | 391510 | 16.275 | ng | 96 |
| 31) Naphthalene | 10.55 | 128 | 1171184 | 19.925 | ng | 99 |
| 32) Benzoic acid | 9.78 | 122 | 66180 | 5.351 | ng | 99 |
| 33) 4-Chloroaniline | 10.65 | 127 | 490131 | 18.110 | ng | 99 |
| 34) Hexachlorobutadiene | 10.85 | 225 | 229548 | 13.480 | ng | 100 |
| 35) Caprolactam | 11.39 | 113 | 85202 | 11.774 | ng | 99 |
| 36) 4-Chloro-3-methylphenol | 11.78 | 107 | 316359 | 13.228 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.16 | 142 | 807964 | 17.247 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.38 | 142 | 772510 | 17.136 | ng | 95 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.54 | 216 | 421402 | 18.752 | ng | 99 |

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|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.53 | 237 | 158897 | 13.940 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.77 | 196 | 218136 | 15.051 | ng | | 95 |
| 44) 2,4,5-Trichlorophenol | 12.84 | 196 | 242011 | 15.714 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.19 | 154 | 1059941 | 22.548 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.22 | 162 | 830723 | 21.263 | ng | | 99 |
| 48) 2-Nitroaniline | 13.42 | 65 | 151075 | 9.842 | ng | | 99 |
| 49) Acenaphthylene | 14.07 | 152 | 1234046 | 20.481 | ng | | 99 |
| 50) Dimethylphthalate | 13.82 | 163 | 984122 | 18.214 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.92 | 165 | 169276 | 14.774 | ng | | 90 |
| 52) Acenaphthene | 14.42 | 154 | 784323 | 21.018 | ng | | 95 |
| 53) 3-Nitroaniline | 14.24 | 138 | 202490 | 16.738 | ng | # | 95 |
| 54) 2,4-Dinitrophenol | 14.45 | 184 | 34005 | 5.278 | ng | | 88 |
| 55) Dibenzofuran | 14.75 | 168 | 1191949 | 18.888 | ng | | 99 |
| 56) 4-Nitrophenol | 14.55 | 139 | 133515 | 13.821 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 14.70 | 165 | 207117 | 12.354 | ng | | 97 |
| 58) Fluorene | 15.40 | 166 | 981727 | 19.226 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.97 | 232 | 198218 | 12.464 | ng | | 97 |
| 60) Diethylphthalate | 15.19 | 149 | 978568 | 17.609 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.40 | 204 | 500862 | 17.138 | ng | | 99 |
| 62) 4-Nitroaniline | 15.40 | 138 | 223257 | 16.187 | ng | | 97 |
| 63) Azobenzene | 15.70 | 77 | 930144 | 16.751 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.47 | 198 | 50730 | 7.000 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 15.62 | 169 | 823431 | 23.189 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.30 | 248 | 294144 | 19.452 | ng | | 96 |
| 68) Hexachlorobenzene | 16.41 | 284 | 346477 | 19.721 | ng | | 96 |
| 69) Atrazine | 16.57 | 200 | 256107 | 19.638 | ng | | 99 |
| 70) Pentachlorophenol | 16.75 | 266 | 130426 | 13.443 | ng | | 99 |
| 71) Phenanthrene | 17.14 | 178 | 1511945 | 20.742 | ng | | 100 |
| 72) Anthracene | 17.23 | 178 | 1466843 | 20.670 | ng | | 98 |
| 73) Carbazole | 17.50 | 167 | 1384681 | 20.784 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.09 | 149 | 1536179 | 19.489 | ng | | 99 |
| 75) Fluoranthene | 19.12 | 202 | 1695027 | 17.672 | ng | | 99 |
| 77) Benzidine | 19.29 | 184 | 556144 | 18.888 | ng | | 97 |
| 78) Pyrene | 19.46 | 202 | 1792541 | 18.923 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.36 | 149 | 571124 | 15.863 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.17 | 228 | 1777808 | 19.796 | ng | | 96 |
| 82) 3,3'-Dichlorobenzidine | 21.11 | 252 | 537888 | 15.972 | ng | | 99 |
| 83) Chrysene | 21.22 | 228 | 1705978 | 19.492 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 1005573 | 20.374 | ng | | 96 |
| 85) Di-n-octyl phthalate | 22.02 | 149 | 1484883 | 18.869 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 25.70 | 276 | 1959791 | 19.129 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 22.76 | 252 | 1732968 | 19.154 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.80 | 252 | 1719443 | 19.491 | ng | | 100 |
| 90) Benzo(a)pyrene | 23.33 | 252 | 1559683 | 18.156 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 25.72 | 278 | 1634281 | 18.438 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 26.40 | 276 | 1558237 | 17.685 | ng | | 100 |

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

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