Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091720\
Data File : BM027455.D
Acq On : 17 Sep 2020 19:54
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ICVBM091720

Quant Time: Sep 17 20:27:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 17 20:07:45 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.504 | 152 | 172310 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.269 | 136 | 613336 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.151 | 164 | 405989 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.898 | 188 | 880739 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.103 | 240 | 911137 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.244 | 264 | 883825 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.122 | 112 | 742935 | 77.27 | ng | | 0.00 |
| 7) Phenol-d6 | 6.698 | 99 | 1015332 | 78.41 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.651 | 82 | 1092248 | 75.71 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.645 | 330 | 497257 | 75.18 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.769 | 172 | 2340808 | 76.03 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.551 | 244 | 3938294 | 77.12 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.087 | 88 | 176496 | 35.80 | ng | | 99 |
| 3) Pyridine | 3.469 | 79 | 464567 | 35.64 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.387 | 42 | 173838 | 35.91 | ng | # | 94 |
| 6) Aniline | 6.840 | 93 | 570896 | 38.85 | ng | | 99 |
| 8) 2-Chlorophenol | 7.075 | 128 | 379943 | 38.32 | ng | | 99 |
| 9) Benzaldehyde | 6.651 | 77 | 337504 | 38.83 | ng | | 97 |
| 10) Phenol | 6.722 | 94 | 481266 | 38.88 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.940 | 93 | 410599 | 38.42 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.392 | 146 | 491047 | 37.76 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.534 | 146 | 497404 | 37.92 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.851 | 146 | 472626 | 37.75 | ng | | 98 |
| 15) Benzyl Alcohol | 7.745 | 79 | 408876 | 39.00 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.045 | 45 | 317502 | 38.28 | ng | | 99 |
| 17) 2-Methylphenol | 7.951 | 107 | 320876 | 38.86 | ng | | 99 |
| 18) Hexachloroethane | 8.569 | 117 | 201515 | 37.75 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.316 | 70 | 370253 | 37.49 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.281 | 107 | 430999 | 39.34 | ng | | 98 |
| 22) Acetophenone | 8.316 | 105 | 615415 | 37.24 | ng | | 98 |
| 24) Nitrobenzene | 8.692 | 77 | 552666 | 37.64 | ng | | 99 |
| 25) Isophorone | 9.216 | 82 | 856745 | 37.51 | ng | | 98 |
| 26) 2-Nitrophenol | 9.392 | 139 | 211700 | 39.97 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.469 | 122 | 285761 | 38.59 | ng | | 95 |
| 28) bis(2-Chloroethoxy)met... | 9.704 | 93 | 555803 | 38.66 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 9.928 | 162 | 395293 | 38.43 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.139 | 180 | 506269 | 37.70 | ng | | 99 |
| 31) Naphthalene | 10.322 | 128 | 1185700 | 37.45 | ng | | 99 |
| 32) Benzoic acid | 9.628 | 122 | 218246 | 38.88 | ng | | 97 |
| 33) 4-Chloroaniline | 10.433 | 127 | 482841 | 38.84 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.616 | 225 | 355687 | 36.70 | ng | | 99 |
| 35) Caprolactam | 11.222 | 113 | 102820 | 39.58 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 11.575 | 107 | 396003 | 37.99 | ng | | 98 |
| 37) 2-Methylnaphthalene | 11.939 | 142 | 894434 | 37.20 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.163 | 142 | 847745 | 36.98 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.322 | 216 | 564998 | 38.60 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.310 | 237 | 316299 | 40.37 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.569 | 196 | 355666 | 39.19 | ng | | 95 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.639 | 196 | 363969 | 39.38 | ng | 97 |
| 46) 1,1'-Biphenyl | 12.980 | 154 | 1188400 | 37.99 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.016 | 162 | 997312 | 37.98 | ng | 98 |
| 48) 2-Nitroaniline | 13.222 | 65 | 310841 | 39.99 | ng | 100 |
| 49) Acenaphthylene | 13.869 | 152 | 1429871 | 38.34 | ng | 100 |
| 50) Dimethylphthalate | 13.621 | 163 | 1226869 | 36.99 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.733 | 165 | 260396 | 38.58 | ng | 97 |
| 52) Acenaphthene | 14.216 | 154 | 887892 | 37.45 | ng | 98 |
| 53) 3-Nitroaniline | 14.063 | 138 | 245903 | 40.27 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.269 | 184 | 144220 | 39.07 | ng | 97 |
| 55) Dibenzofuran | 14.551 | 168 | 1451748 | 36.80 | ng | 100 |
| 56) 4-Nitrophenol | 14.380 | 139 | 187435 | 39.64 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.527 | 165 | 359085 | 38.90 | ng | 97 |
| 58) Fluorene | 15.204 | 166 | 1193085 | 36.73 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.786 | 232 | 350797 | 37.60 | ng | 99 |
| 60) Diethylphthalate | 14.998 | 149 | 1236971 | 36.80 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.210 | 204 | 687225 | 36.43 | ng | 98 |
| 62) 4-Nitroaniline | 15.227 | 138 | 258281 | 38.35 | ng | 97 |
| 63) Azobenzene | 15.498 | 77 | 1250181 | 36.79 | ng | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.298 | 198 | 189867 | 39.31 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.421 | 169 | 1012055 | 38.61 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.098 | 248 | 438106 | 38.56 | ng | 97 |
| 68) Hexachlorobenzene | 16.215 | 284 | 506694 | 38.07 | ng | 97 |
| 69) Atrazine | 16.386 | 200 | 378886 | 38.84 | ng | 99 |
| 70) Pentachlorophenol | 16.557 | 266 | 275140 | 39.16 | ng | 98 |
| 71) Phenanthrene | 16.939 | 178 | 1887080 | 37.58 | ng | 100 |
| 72) Anthracene | 17.033 | 178 | 1846388 | 38.57 | ng | 99 |
| 73) Carbazole | 17.304 | 167 | 1620417 | 39.25 | ng | 99 |
| 74) Di-n-butylphthalate | 17.892 | 149 | 2111214 | 39.04 | ng | 99 |
| 75) Fluoranthene | 18.968 | 202 | 2249749 | 38.14 | ng | 99 |
| 77) Benzidine | 19.156 | 184 | 773755 | 39.65 | ng | 99 |
| 78) Pyrene | 19.327 | 202 | 2315167 | 38.93 | ng | 100 |
| 80) Butylbenzylphthalate | 20.256 | 149 | 932949 | 39.99 | ng | 97 |
| 81) Benzo(a)anthracene | 21.086 | 228 | 2274628 | 38.42 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.027 | 252 | 806828 | 40.91 | ng | 99 |
| 83) Chrysene | 21.139 | 228 | 2192814 | 37.80 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.050 | 149 | 1398152 | 39.63 | ng | 99 |
| 85) Di-n-octyl phthalate | 21.903 | 149 | 2257886 | 39.31 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 25.374 | 276 | 2565021 | 38.30 | ng | 99 |
| 88) Benzo(b)fluoranthene | 22.615 | 252 | 2275413 | 38.27 | ng | 100 |
| 89) Benzo(k)fluoranthene | 22.656 | 252 | 2264426 | 38.63 | ng | 100 |
| 90) Benzo(a)pyrene | 23.156 | 252 | 2091304 | 38.94 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 25.380 | 278 | 2120653 | 38.23 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.015 | 276 | 2055054 | 38.15 | ng | 99 |

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

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