Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090221\
Data File : BM032028.D
Acq On : 02 Sep 2021 18:46
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 02 19:15:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 17:39:57 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**
mohammad
9/3/2021 3:31:18 PM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.492 | 152 | 80578 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.251 | 136 | 284489 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.139 | 164 | 183557 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.892 | 188 | 375035 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.103 | 240 | 385787 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.233 | 264 | 402919 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.134 | 112 | 687794 | 136.335 | ng | | 0.00 |
| 7) Phenol-d6 | 6.698 | 99 | 919421 | 127.101 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.651 | 82 | 912982 | 145.165 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.645 | 330 | 406518 | 205.161 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.751 | 172 | 2235442 | 164.702 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.545 | 244 | 3295699 | 137.333 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.152 | 88 | 140110 | 69.923 | ng | | 98 |
| 3) Pyridine | 3.528 | 79 | 368824m | 70.099 | ng | | |
| 4) n-Nitrosodimethylamine | 3.451 | 42 | 163756 | 57.869 | ng | # | 71 |
| 6) Aniline | 6.851 | 93 | 472812 | 61.161 | ng | | 94 |
| 8) 2-Chlorophenol | 7.069 | 128 | 382784 | 65.515 | ng | | 92 |
| 9) Benzaldehyde | 6.663 | 77 | 212443m | 47.883 | ng | | |
| 10) Phenol | 6.728 | 94 | 450753 | 62.809 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 6.951 | 93 | 333640 | 60.913 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.381 | 146 | 437434 | 70.581 | ng | # | 92 |
| 13) 1,4-Dichlorobenzene | 7.528 | 146 | 444456 | 69.885 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.839 | 146 | 430283 | 69.932 | ng | | 96 |
| 15) Benzyl Alcohol | 7.751 | 79 | 339062 | 62.165 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.034 | 45 | 432706 | 57.538 | ng | | 97 |
| 17) 2-Methylphenol | 7.945 | 107 | 301881 | 62.139 | ng | | 96 |
| 18) Hexachloroethane | 8.545 | 117 | 162601 | 65.510 | ng | # | 84 |
| 19) n-Nitroso-di-n-propyla... | 8.310 | 70 | 293941 | 57.345 | ng | # | 89 |
| 20) 3+4-Methylphenols | 8.281 | 107 | 411379 | 61.301 | ng | | 95 |
| 22) Acetophenone | 8.322 | 105 | 568782 | 73.591 | ng | # | 91 |
| 24) Nitrobenzene | 8.692 | 77 | 455467 | 71.238 | ng | | 93 |
| 25) Isophorone | 9.216 | 82 | 760580 | 68.722 | ng | # | 95 |
| 26) 2-Nitrophenol | 9.386 | 139 | 216817 | 81.948 | ng | # | 79 |
| 27) 2,4-Dimethylphenol | 9.457 | 122 | 299407 | 74.100 | ng | | 97 |
| 28) bis(2-Chloroethoxy)met... | 9.698 | 93 | 409375 | 70.341 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 9.916 | 162 | 392788 | 86.619 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.122 | 180 | 446455 | 90.210 | ng | | 97 |
| 31) Naphthalene | 10.304 | 128 | 1179572 | 74.881 | ng | | 100 |
| 32) Benzoic acid | 9.669 | 122 | 249132 | 76.805 | ng | | 87 |
| 33) 4-Chloroaniline | 10.433 | 127 | 471930 | 73.661 | ng | # | 94 |
| 34) Hexachlorobutadiene | 10.575 | 225 | 281090 | 93.728 | ng | | 97 |
| 35) Caprolactam | 11.263 | 113 | 103913 | 73.091 | ng | # | 78 |
| 36) 4-Chloro-3-methylphenol | 11.569 | 107 | 375889 | 70.843 | ng | | 90 |
| 37) 2-Methylnaphthalene | 11.922 | 142 | 884990 | 77.505 | ng | | 95 |
| 38) 1-Methylnaphthalene | 12.145 | 142 | 825945 | 75.790 | ng | | 97 |
| 40) 1,2,4,5-Tetrachloroben... | 12.298 | 216 | 474217 | 89.487 | ng | # | 95 |
| 41) Hexachlorocyclopentadiene | 12.269 | 237 | 248020 | 101.017 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.557 | 196 | 325823 | 86.452 | ng | | 93 |

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Quant Time: Sep 02 19:15:56 2021
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.627 | 196 | 348510 | 85.124 | ng | # | 90 |
| 46) 1,1'-Biphenyl | 12.963 | 154 | 1120298 | 77.936 | ng | | 98 |
| 47) 2-Chloronaphthalene | 12.998 | 162 | 906083 | 79.974 | ng | | 94 |
| 48) 2-Nitroaniline | 13.227 | 65 | 247848 | 68.446 | ng | # | 84 |
| 49) Acenaphthylene | 13.857 | 152 | 1363660 | 76.183 | ng | | 100 |
| 50) Dimethylphthalate | 13.621 | 163 | 1059738 | 74.713 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.739 | 165 | 254170 | 79.876 | ng | # | 66 |
| 52) Acenaphthene | 14.204 | 154 | 844902 | 76.991 | ng | | 97 |
| 53) 3-Nitroaniline | 14.074 | 138 | 236115 | 75.450 | ng | | 85 |
| 54) 2,4-Dinitrophenol | 14.292 | 184 | 160342 | 90.283 | ng | # | 63 |
| 55) Dibenzofuran | 14.545 | 168 | 1392095 | 78.025 | ng | | 92 |
| 56) 4-Nitrophenol | 14.398 | 139 | 196973 | 78.644 | ng | # | 75 |
| 57) 2,4-Dinitrotoluene | 14.539 | 165 | 351104 | 81.231 | ng | # | 73 |
| 58) Fluorene | 15.198 | 166 | 1130782 | 78.322 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.774 | 232 | 303043 | 87.423 | ng | # | 82 |
| 60) Diethylphthalate | 14.992 | 149 | 1061100 | 71.461 | ng | | 96 |
| 61) 4-Chlorophenyl-phenyle... | 15.198 | 204 | 568554 | 81.694 | ng | | 90 |
| 62) 4-Nitroaniline | 15.251 | 138 | 229919 | 75.082 | ng | # | 80 |
| 63) Azobenzene | 15.492 | 77 | 1041174 | 63.573 | ng | | 89 |
| 65) 4,6-Dinitro-2-methylph... | 15.304 | 198 | 220284 | 88.055 | ng | # | 74 |
| 66) n-Nitrosodiphenylamine | 15.421 | 169 | 965766 | 76.473 | ng | | 96 |
| 67) 4-Bromophenyl-phenylether | 16.092 | 248 | 344140 | 86.225 | ng | | 90 |
| 68) Hexachlorobenzene | 16.198 | 284 | 384253 | 90.087 | ng | # | 81 |
| 69) Atrazine | 16.392 | 200 | 290733 | 73.715 | ng | | 94 |
| 70) Pentachlorophenol | 16.551 | 266 | 245425 | 92.030 | ng | | 98 |
| 71) Phenanthrene | 16.939 | 178 | 1714651 | 76.973 | ng | | 99 |
| 72) Anthracene | 17.027 | 178 | 1694109 | 78.021 | ng | | 100 |
| 73) Carbazole | 17.309 | 167 | 1606886 | 77.012 | ng | | 96 |
| 74) Di-n-butylphthalate | 17.880 | 149 | 1780454 | 71.066 | ng | # | 98 |
| 75) Fluoranthene | 18.962 | 202 | 1979961 | 81.671 | ng | | 98 |
| 77) Benzidine | 19.168 | 184 | 539085 | 56.938 | ng | | 99 |
| 78) Pyrene | 19.327 | 202 | 2063466 | 67.290 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.250 | 149 | 804413 | 61.734 | ng | | 90 |
| 81) Benzo(a)anthracene | 21.086 | 228 | 2017433 | 73.412 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.033 | 252 | 589917 | 77.489 | ng | # | 98 |
| 83) Chrysene | 21.139 | 228 | 1977161 | 73.859 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.033 | 149 | 1178862 | 62.630 | ng | # | 94 |
| 85) Di-n-octyl phthalate | 21.891 | 149 | 1994588 | 67.081 | ng | # | 91 |
| 87) Indeno(1,2,3-cd)pyrene | 25.350 | 276 | 2537615 | 90.537 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 22.603 | 252 | 2192701 | 73.554 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.650 | 252 | 2038096 | 71.414 | ng | | 98 |
| 90) Benzo(a)pyrene | 23.144 | 252 | 1979325 | 75.677 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 25.356 | 278 | 2193946 | 90.253 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 25.985 | 276 | 2105234 | 91.947 | ng | | 99 |

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

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