Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111222\
Data File : BM037491.D
Acq On : 12 Nov 2022 14:03
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 14 00:36:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 00:33:11 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.798 | 152 | 168306 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.598 | 136 | 783135 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.445 | 164 | 525581 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.192 | 188 | 1114903 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.380 | 240 | 1303844 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.715 | 264 | 1398427 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.369 | 112 | 360354 | 36.990 | ng | | 0.00 |
| 7) Phenol-d6 | 6.981 | 99 | 528530 | 39.974 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.969 | 82 | 594608 | 38.307 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.939 | 330 | 282996 | 45.690 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.069 | 172 | 1461464 | 36.947 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.821 | 244 | 2599486 | 35.753 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.246 | 88 | 75495 | 18.925 | ng | | 99 |
| 3) Pyridine | 3.663 | 79 | 237094 | 19.950 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.575 | 42 | 107124 | 20.622 | ng | # | 96 |
| 6) Aniline | 7.134 | 93 | 326640 | 20.208 | ng | | 99 |
| 8) 2-Chlorophenol | 7.363 | 128 | 239246 | 20.178 | ng | | 99 |
| 9) Benzaldehyde | 6.951 | 77 | 150130m | 22.432 | ng | | |
| 10) Phenol | 7.004 | 94 | 294478 | 19.877 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.234 | 93 | 238127 | 20.047 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.687 | 146 | 256615 | 19.806 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.834 | 146 | 265432 | 19.861 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.151 | 146 | 264026 | 20.569 | ng | | 99 |
| 15) Benzyl Alcohol | 8.057 | 79 | 197123 | 20.853 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.328 | 45 | 354586 | 20.939 | ng | | 98 |
| 17) 2-Methylphenol | 8.257 | 107 | 208960 | 21.582 | ng | | 98 |
| 18) Hexachloroethane | 8.869 | 117 | 99498 | 21.110 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.616 | 70 | 206651 | 22.723 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.586 | 107 | 297908 | 22.401 | ng | | 98 |
| 22) Acetophenone | 8.634 | 105 | 396076 | 19.458 | ng | # | 99 |
| 24) Nitrobenzene | 9.016 | 77 | 303747 | 19.302 | ng | | 99 |
| 25) Isophorone | 9.539 | 82 | 541695 | 20.881 | ng | | 98 |
| 26) 2-Nitrophenol | 9.722 | 139 | 138575 | 19.670 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.786 | 122 | 199789 | 19.109 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.028 | 93 | 314798 | 19.503 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.257 | 162 | 241420 | 20.115 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.463 | 180 | 262250 | 19.268 | ng | | 99 |
| 31) Naphthalene | 10.651 | 128 | 868164 | 19.567 | ng | | 100 |
| 32) Benzoic acid | 9.916 | 122 | 159468 | 18.799 | ng | | 100 |
| 33) 4-Chloroaniline | 10.780 | 127 | 349477 | 19.774 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.922 | 225 | 151908 | 19.988 | ng | | 98 |
| 35) Caprolactam | 11.575 | 113 | 84367 | 23.122 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 11.910 | 107 | 263505 | 21.305 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.263 | 142 | 603706 | 20.082 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.486 | 142 | 598312 | 20.369 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.633 | 216 | 290064 | 18.355 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.604 | 237 | 108542 | 14.416 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.886 | 196 | 209935 | 19.298 | ng | | 99 |

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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 12.957 | 196 | 231282 | 19.273 | ng | 99 |
| 46) | 1,1'-Biphenyl | 13.280 | 154 | 792444 | 18.684 | ng | 98 |
| 47) | 2-Chloronaphthalene | 13.321 | 162 | 640542 | 18.978 | ng | 99 |
| 48) | 2-Nitroaniline | 13.545 | 65 | 194080 | 19.898 | ng | 98 |
| 49) | Acenaphthylene | 14.168 | 152 | 1022506 | 19.516 | ng | 100 |
| 50) | Dimethylphthalate | 13.916 | 163 | 810790 | 20.197 | ng | 99 |
| 51) | 2,6-Dinitrotoluene | 14.039 | 165 | 175614 | 20.657 | ng | 97 |
| 52) | Acenaphthene | 14.510 | 154 | 617633 | 19.068 | ng | 98 |
| 53) | 3-Nitroaniline | 14.374 | 138 | 186770 | 19.665 | ng | 97 |
| 54) | 2,4-Dinitrophenol | 14.586 | 184 | 87949 | 18.599 | ng | 96 |
| 55) | Dibenzofuran | 14.845 | 168 | 998550 | 20.015 | ng | 100 |
| 56) | 4-Nitrophenol | 14.692 | 139 | 138328 | 18.257 | ng | 98 |
| 57) | 2,4-Dinitrotoluene | 14.827 | 165 | 239010 | 21.365 | ng | 97 |
| 58) | Fluorene | 15.492 | 166 | 836017 | 20.076 | ng | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.074 | 232 | 213200 | 21.196 | ng | 98 |
| 60) | Diethylphthalate | 15.274 | 149 | 833295 | 21.357 | ng | 100 |
| 61) | 4-Chlorophenyl-phenyle... | 15.492 | 204 | 387219 | 20.098 | ng | 98 |
| 62) | 4-Nitroaniline | 15.533 | 138 | 172897 | 18.151 | ng | 98 |
| 63) | Azobenzene | 15.786 | 77 | 800289 | 20.820 | ng | 100 |
| 65) | 4,6-Dinitro-2-methylph... | 15.592 | 198 | 135858 | 18.966 | ng | 99 |
| 66) | n-Nitrosodiphenylamine | 15.710 | 169 | 697276 | 18.503 | ng | 99 |
| 67) | 4-Bromophenyl-phenylether | 16.386 | 248 | 239623 | 19.152 | ng | 100 |
| 68) | Hexachlorobenzene | 16.492 | 284 | 295958 | 19.547 | ng | 99 |
| 69) | Atrazine | 16.668 | 200 | 193631 | 20.421 | ng | 97 |
| 70) | Pentachlorophenol | 16.845 | 266 | 172613 | 19.592 | ng | 97 |
| 71) | Phenanthrene | 17.233 | 178 | 1310595 | 18.947 | ng | 100 |
| 72) | Anthracene | 17.327 | 178 | 1276610 | 19.495 | ng | 100 |
| 73) | Carbazole | 17.604 | 167 | 1192689 | 19.856 | ng | 100 |
| 74) | Di-n-butylphthalate | 18.162 | 149 | 1492583 | 22.504 | ng | 100 |
| 75) | Fluoranthene | 19.251 | 202 | 1531793 | 20.950 | ng | 99 |
| 77) | Benzidine | 19.456 | 184 | 270400m | 13.908 | ng | |
| 78) | Pyrene | 19.615 | 202 | 1645612 | 16.413 | ng | 99 |
| 80) | Butylbenzylphthalate | 20.515 | 149 | 698309 | 19.503 | ng | 98 |
| 81) | Benzo(a)anthracene | 21.362 | 228 | 1775382 | 19.126 | ng | 99 |
| 82) | 3,3'-Dichlorobenzidine | 21.303 | 252 | 570783 | 20.936 | ng | 100 |
| 83) | Chrysene | 21.415 | 228 | 1720068 | 19.233 | ng | 98 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.292 | 149 | 1028954 | 21.411 | ng | 98 |
| 85) | Di-n-octyl phthalate | 22.192 | 149 | 1781461 | 23.538 | ng | 99 |
| 87) | Indeno(1,2,3-cd)pyrene | 26.132 | 276 | 2221410 | 19.401 | ng | 99 |
| 88) | Benzo(b)fluoranthene | 23.003 | 252 | 1767830 | 18.209 | ng | 99 |
| 89) | Benzo(k)fluoranthene | 23.050 | 252 | 1818359 | 18.362 | ng | 99 |
| 90) | Benzo(a)pyrene | 23.609 | 252 | 1486297 | 18.789 | ng | 99 |
| 91) | Dibenzo(a,h)anthracene | 26.144 | 278 | 1826108 | 19.205 | ng | 100 |
| 92) | Benzo(g,h,i)perylene | 26.868 | 276 | 1817742 | 19.642 | ng | 99 |

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

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