Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
Data File : BM035829.D
Acq On : 15 Jul 2022 13:49
Operator : CG/JU
Sample : PB146152BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 15 23:46:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 01:21:21 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
PB146152BS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.904 | 152 | 316048 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.710 | 136 | 1236343 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.539 | 164 | 640841 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.274 | 188 | 1117384 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.450 | 240 | 930761 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.827 | 264 | 916710 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.463 | 112 | 2386039 | 122.627 | ng | | 0.00 |
| 7) Phenol-d6 | 7.069 | 99 | 2797272 | 114.931 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.069 | 82 | 1741141 | 80.509 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.021 | 330 | 814710 | 125.190 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.168 | 172 | 3583325 | 77.981 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.897 | 244 | 4322935 | 90.159 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.328 | 88 | 273250 | 33.293 | ng | | 93 |
| 3) Pyridine | 3.728 | 79 | 744947 | 34.972 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 3.646 | 42 | 372520 | 39.732 | ng | # | 67 |
| 6) Aniline | 7.228 | 93 | 1093211 | 40.194 | ng | | 95 |
| 8) 2-Chlorophenol | 7.463 | 128 | 870499 | 42.968 | ng | | 97 |
| 9) Benzaldehyde | 7.039 | 77 | 510748 | 38.448 | ng | | 95 |
| 10) Phenol | 7.098 | 94 | 1043459 | 42.577 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 7.328 | 93 | 854869 | 42.308 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.792 | 146 | 971744 | 41.840 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.939 | 146 | 989239 | 41.818 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.257 | 146 | 940105 | 41.182 | ng | | 98 |
| 15) Benzyl Alcohol | 8.145 | 79 | 662319m | 42.317 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.445 | 45 | 1137263 | 43.602 | ng | | 97 |
| 17) 2-Methylphenol | 8.351 | 107 | 666700 | 42.197 | ng | | 96 |
| 18) Hexachloroethane | 8.986 | 117 | 367380 | 44.133 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.716 | 70 | 598483 | 42.819 | ng | | 89 |
| 20) 3+4-Methylphenols | 8.681 | 107 | 869066 | 41.097 | ng | | 96 |
| 22) Acetophenone | 8.733 | 105 | 1241087 | 41.583 | ng | # | 92 |
| 24) Nitrobenzene | 9.110 | 77 | 895764 | 43.956 | ng | | 97 |
| 25) Isophorone | 9.639 | 82 | 1588016 | 46.360 | ng | | 99 |
| 26) 2-Nitrophenol | 9.822 | 139 | 406766 | 46.709 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 9.886 | 122 | 707478 | 48.138 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.128 | 93 | 1005542 | 41.636 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.357 | 162 | 687001 | 42.698 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.575 | 180 | 787399 | 39.599 | ng | | 96 |
| 31) Naphthalene | 10.763 | 128 | 2555595 | 40.929 | ng | | 99 |
| 32) Benzoic acid | 10.004 | 122 | 418645 | 43.212 | ng | | 90 |
| 33) 4-Chloroaniline | 10.875 | 127 | 624370 | 25.291 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.045 | 225 | 473305 | 41.272 | ng | | 99 |
| 35) Caprolactam | 11.645 | 113 | 191934 | 40.050 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 11.998 | 107 | 668741 | 41.102 | ng | | 97 |
| 37) 2-Methylnaphthalene | 12.369 | 142 | 1647909 | 40.126 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.586 | 142 | 1551619 | 38.784 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.733 | 216 | 790139 | 42.591 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.716 | 237 | 1141040 | 117.928 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.974 | 196 | 493616 | 45.668 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.045 | 196 | 519399 | 44.796 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.380 | 154 | 2021341 | 41.530 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.421 | 162 | 1556642 | 41.774 | ng | 99 |
| 48) 2-Nitroaniline | 13.621 | 65 | 411060 | 42.575 | ng | 92 |
| 49) Acenaphthylene | 14.263 | 152 | 2386340 | 42.367 | ng | 100 |
| 50) Dimethylphthalate | 14.004 | 163 | 1683180 | 40.751 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.121 | 165 | 372440 | 41.728 | ng | 89 |
| 52) Acenaphthene | 14.604 | 154 | 1409129 | 40.990 | ng | 99 |
| 53) 3-Nitroaniline | 14.445 | 138 | 302755 | 29.303 | ng | 95 |
| 54) 2,4-Dinitrophenol | 14.645 | 184 | 352869 | 91.945 | ng | 91 |
| 55) Dibenzofuran | 14.939 | 168 | 2185107 | 39.306 | ng | 97 |
| 56) 4-Nitrophenol | 14.751 | 139 | 675954 | 80.456 | ng | 84 |
| 57) 2,4-Dinitrotoluene | 14.898 | 165 | 487314 | 41.508 | ng | 98 |
| 58) Fluorene | 15.580 | 166 | 1747858 | 39.628 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.157 | 232 | 409070 | 42.794 | ng | 97 |
| 60) Diethylphthalate | 15.362 | 149 | 1678299 | 41.300 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.580 | 204 | 841659 | 38.435 | ng | 96 |
| 62) 4-Nitroaniline | 15.604 | 138 | 402067 | 36.581 | ng | 91 |
| 63) Azobenzene | 15.874 | 77 | 1685392 | 40.021 | ng | 94 |
| 65) 4,6-Dinitro-2-methylph... | 15.657 | 198 | 205194 | 44.225 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.792 | 169 | 1429876 | 44.751 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.474 | 248 | 493390 | 44.586 | ng | 94 |
| 68) Hexachlorobenzene | 16.580 | 284 | 579745 | 44.358 | ng | 90 |
| 69) Atrazine | 16.745 | 200 | 457530 | 55.419 | ng | 97 |
| 70) Pentachlorophenol | 16.921 | 266 | 662775 | 98.158 | ng | 98 |
| 71) Phenanthrene | 17.321 | 178 | 2462636 | 41.953 | ng | 99 |
| 72) Anthracene | 17.409 | 178 | 2485712 | 44.018 | ng | 99 |
| 73) Carbazole | 17.680 | 167 | 2256438 | 39.718 | ng | 99 |
| 74) Di-n-butylphthalate | 18.250 | 149 | 2608497 | 43.265 | ng | 100 |
| 75) Fluoranthene | 19.327 | 202 | 2600741 | 39.617 | ng | 97 |
| 77) Benzidine | 19.515 | 184 | 1259616 | 96.666 | ng | 99 |
| 78) Pyrene | 19.692 | 202 | 2659579 | 45.501 | ng | 99 |
| 80) Butylbenzylphthalate | 20.597 | 149 | 973046 | 47.141 | ng | 99 |
| 81) Benzo(a)anthracene | 21.433 | 228 | 2473664 | 42.366 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.374 | 252 | 721984 | 60.993 | ng | 100 |
| 83) Chrysene | 21.486 | 228 | 2332680 | 41.380 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.380 | 149 | 1446888 | 46.523 | ng | 98 |
| 85) Di-n-octyl phthalate | 22.303 | 149 | 2236528 | 49.099 | ng | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 26.309 | 276 | 2968562 | 44.469 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.103 | 252 | 2509447 | 45.323 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.156 | 252 | 2412063 | 41.651 | ng | 99 |
| 90) Benzo(a)pyrene | 23.727 | 252 | 2176851 | 46.989 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 26.332 | 278 | 2595858 | 46.875 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.073 | 276 | 2630897 | 48.150 | ng | 99 |

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

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