Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022222\
Data File : BM034041.D
Acq On : 22 Feb 2022 16:15
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 22 16:53:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:00:49 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC060

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.025 | 152 | 267394 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.836 | 136 | 969151 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.654 | 164 | 633067 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.395 | 188 | 1319774 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.565 | 240 | 1372863 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.030 | 264 | 1401076 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.566 | 112 | 1734204 | 105.014 | ng | | 0.00 |
| 7) Phenol-d6 | 7.172 | 99 | 2204490 | 109.504 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.189 | 82 | 2163516 | 104.858 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.136 | 330 | 989241 | 141.162 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.289 | 172 | 5564797 | 115.410 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.012 | 244 | 8564935 | 123.387 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.431 | 88 | 328313 | 49.164 | ng | # | 87 |
| 3) Pyridine | 3.837 | 79 | 912577m | 45.624 | ng | | |
| 4) n-Nitrosodimethylamine | 3.743 | 42 | 448961 | 62.228 | ng | # | 73 |
| 6) Aniline | 7.342 | 93 | 1202555 | 52.780 | ng | | 91 |
| 8) 2-Chlorophenol | 7.584 | 128 | 945431 | 57.528 | ng | | 84 |
| 10) Phenol | 7.201 | 94 | 1077378 | 51.907 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 7.437 | 93 | 845682 | 49.933 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 7.913 | 146 | 1116983 | 56.983 | ng | # | 93 |
| 13) 1,4-Dichlorobenzene | 8.060 | 146 | 1138059 | 60.142 | ng | | 93 |
| 14) 1,2-Dichlorobenzene | 8.378 | 146 | 1096981 | 57.611 | ng | | 95 |
| 15) Benzyl Alcohol | 8.260 | 79 | 831258 | 53.601 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.560 | 45 | 1081849 | 59.278 | ng | | 94 |
| 17) 2-Methylphenol | 8.460 | 107 | 754769 | 55.735 | ng | | 94 |
| 18) Hexachloroethane | 9.119 | 117 | 398869 | 55.765 | ng | # | 88 |
| 19) n-Nitroso-di-n-propyla... | 8.836 | 70 | 670813 | 51.641 | ng | # | 92 |
| 20) 3+4-Methylphenols | 8.795 | 107 | 1028199 | 55.049 | ng | | 93 |
| 22) Acetophenone | 8.848 | 105 | 1360439 | 56.131 | ng | # | 90 |
| 24) Nitrobenzene | 9.231 | 77 | 991957 | 53.820 | ng | # | 88 |
| 25) Isophorone | 9.760 | 82 | 1681490 | 55.821 | ng | # | 94 |
| 26) 2-Nitrophenol | 9.942 | 139 | 502945 | 64.419 | ng | # | 78 |
| 27) 2,4-Dimethylphenol | 10.001 | 122 | 747017 | 54.705 | ng | | 91 |
| 28) bis(2-Chloroethoxy)met... | 10.242 | 93 | 1115688 | 56.037 | ng | # | 97 |
| 29) 2,4-Dichlorophenol | 10.478 | 162 | 947350 | 66.196 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.701 | 180 | 1102617 | 63.414 | ng | | 96 |
| 31) Naphthalene | 10.889 | 128 | 2898460 | 57.533 | ng | | 99 |
| 32) Benzoic acid | 10.148 | 122 | 609030 | 66.916 | ng | # | 82 |
| 33) 4-Chloroaniline | 10.989 | 127 | 1189755 | 60.300 | ng | # | 89 |
| 34) Hexachlorobutadiene | 11.189 | 225 | 699701 | 63.219 | ng | | 96 |
| 35) Caprolactam | 11.772 | 113 | 198935 | 49.844 | ng | # | 70 |
| 36) 4-Chloro-3-methylphenol | 12.107 | 107 | 903201 | 57.866 | ng | | 86 |
| 37) 2-Methylnaphthalene | 12.495 | 142 | 2103330 | 65.447 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.713 | 142 | 2040259 | 63.579 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.860 | 216 | 1203585 | 57.031 | ng | # | 97 |
| 41) Hexachlorocyclopentadiene | 12.848 | 237 | 747872 | 67.898 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 13.095 | 196 | 763536 | 62.879 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 13.160 | 196 | 768655 | 56.268 | ng | # | 91 |

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| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 46) | 1,1'-Biphenyl | 13.495 | 154 | 2827958 | 58.343 | ng | | 98 |
| 47) | 2-Chloronaphthalene | 13.536 | 162 | 2221825 | 57.107 | ng | | 95 |
| 48) | 2-Nitroaniline | 13.730 | 65 | 578008 | 54.345 | ng | # | 76 |
| 49) | Acenaphthylene | 14.377 | 152 | 3375555 | 63.431 | ng | | 99 |
| 50) | Dimethylphthalate | 14.118 | 163 | 2768435 | 61.028 | ng | | 99 |
| 51) | 2,6-Dinitrotoluene | 14.224 | 165 | 581458 | 61.810 | ng | # | 80 |
| 52) | Acenaphthene | 14.718 | 154 | 2233785 | 61.209 | ng | | 98 |
| 53) | 3-Nitroaniline | 14.548 | 138 | 593694 | 63.125 | ng | | 82 |
| 54) | 2,4-Dinitrophenol | 14.754 | 184 | 310078 | 61.799 | ng | # | 76 |
| 55) | Dibenzofuran | 15.054 | 168 | 3425601 | 64.906 | ng | | 97 |
| 56) | 4-Nitrophenol | 14.842 | 139 | 502280 | 61.459 | ng | # | 80 |
| 57) | 2,4-Dinitrotoluene | 15.007 | 165 | 788486 | 67.517 | ng | # | 75 |
| 58) | Fluorene | 15.701 | 166 | 2800989 | 60.308 | ng | | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.271 | 232 | 779000 | 69.950 | ng | # | 91 |
| 60) | Diethylphthalate | 15.477 | 149 | 2817290 | 57.996 | ng | | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.695 | 204 | 1488039 | 58.259 | ng | | 94 |
| 62) | 4-Nitroaniline | 15.707 | 138 | 649818 | 66.925 | ng | # | 82 |
| 63) | Azobenzene | 15.989 | 77 | 2426927 | 53.202 | ng | | 90 |
| 65) | 4,6-Dinitro-2-methylph... | 15.771 | 198 | 497385 | 65.818 | ng | # | 70 |
| 66) | n-Nitrosodiphenylamine | 15.907 | 169 | 2406704 | 58.556 | ng | | 98 |
| 67) | 4-Bromophenyl-phenylether | 16.589 | 248 | 893704 | 64.380 | ng | | 92 |
| 68) | Hexachlorobenzene | 16.707 | 284 | 1015137 | 58.516 | ng | # | 90 |
| 69) | Atrazine | 16.854 | 200 | 811539 | 65.342 | ng | | 97 |
| 70) | Pentachlorophenol | 17.042 | 266 | 661719 | 62.026 | ng | | 99 |
| 71) | Phenanthrene | 17.436 | 178 | 4304480 | 56.344 | ng | | 99 |
| 72) | Anthracene | 17.530 | 178 | 4261833 | 57.007 | ng | | 99 |
| 73) | Carbazole | 17.795 | 167 | 4076026 | 53.719 | ng | | 99 |
| 74) | Di-n-butylphthalate | 18.371 | 149 | 4846916 | 59.281 | ng | | 99 |
| 75) | Fluoranthene | 19.448 | 202 | 5010888 | 66.296 | ng | | 97 |
| 77) | Benzidine | 19.624 | 184 | 1544482 | 62.977 | ng | | 99 |
| 78) | Pyrene | 19.806 | 202 | 5160244 | 58.936 | ng | | 98 |
| 80) | Butylbenzylphthalate | 20.706 | 149 | 2218928 | 44.137 | ng | | 86 |
| 81) | Benzo(a)anthracene | 21.553 | 228 | 5196275 | 54.864 | ng | | 97 |
| 82) | 3,3'-Dichlorobenzidine | 21.477 | 252 | 1877687 | 73.831 | ng | | 98 |
| 83) | Chrysene | 21.606 | 228 | 4955975 | 48.133 | ng | | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.489 | 149 | 3463749 | 85.916 | ng | # | 97 |
| 85) | Di-n-octyl phthalate | 22.436 | 149 | 5623935 | 50.552 | ng | # | 91 |
| 87) | Indeno(1,2,3-cd)pyrene | 26.618 | 276 | 6093032 | 59.793 | ng | | 97 |
| 88) | Benzo(b)fluoranthene | 23.277 | 252 | 5228472 | 54.825 | ng | | 98 |
| 89) | Benzo(k)fluoranthene | 23.330 | 252 | 5042413 | 63.828 | ng | | 98 |
| 90) | Benzo(a)pyrene | 23.924 | 252 | 4345138 | 59.524 | ng | | 99 |
| 91) | Dibenzo(a,h)anthracene | 26.641 | 278 | 5121810 | 61.170 | ng | | 97 |
| 92) | Benzo(g,h,i)perylene | 27.412 | 276 | 4964794 | 59.268 | ng | | 99 |

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

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