Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110724\
Data File : BP022917.D
Acq On : 07 Nov 2024 13:51
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 07 23:19:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 23:16:12 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.599 | 152 | 67987 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.346 | 136 | 264992 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.204 | 164 | 217705 | 20.000 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.022 | 188 | 557183 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.463 | 240 | 651527 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.692 | 264 | 788089 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.234 | 112 | 144388 | 40.304 | ng | | 0.00 |
| 7) Phenol-d6 | 6.799 | 99 | 204488 | 40.930 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.740 | 82 | 229062 | 40.838 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.740 | 330 | 168024 | 39.818 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.810 | 172 | 608920 | 39.965 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.763 | 244 | 1381899 | 39.833 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.176 | 88 | 28369 | 19.834 | ng | | 97 |
| 3) Pyridine | 3.575 | 79 | 81508m | 20.828 | ng | | |
| 4) n-Nitrosodimethylamine | 3.487 | 42 | 38547 | 20.361 | ng | | 93 |
| 6) Aniline | 6.940 | 93 | 88233 | 21.186 | ng | | 97 |
| 8) 2-Chlorophenol | 7.175 | 128 | 76568 | 20.390 | ng | | 97 |
| 9) Benzaldehyde | 6.764 | 77 | 67093m | 23.242 | ng | | |
| 10) Phenol | 6.822 | 94 | 102076 | 20.631 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.034 | 93 | 75221 | 20.122 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.487 | 146 | 97487 | 20.340 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.634 | 146 | 100879 | 20.614 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.940 | 146 | 96967 | 20.495 | ng | | 98 |
| 15) Benzyl Alcohol | 7.840 | 79 | 73883 | 20.135 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.116 | 45 | 85379 | 21.051 | ng | | 98 |
| 17) 2-Methylphenol | 8.046 | 107 | 68496 | 20.394 | ng | | 94 |
| 18) Hexachloroethane | 8.646 | 117 | 36947 | 20.409 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.387 | 70 | 73276 | 21.428 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.369 | 107 | 96583 | 20.576 | ng | | 97 |
| 22) Acetophenone | 8.411 | 105 | 139788 | 19.818 | ng | # | 97 |
| 24) Nitrobenzene | 8.781 | 77 | 114094 | 20.025 | ng | | 98 |
| 25) Isophorone | 9.299 | 82 | 189544 | 19.966 | ng | | 99 |
| 26) 2-Nitrophenol | 9.481 | 139 | 45122 | 19.285 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.546 | 122 | 53048 | 19.856 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.769 | 93 | 107822 | 19.996 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.022 | 162 | 90832 | 19.641 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.210 | 180 | 117022 | 19.794 | ng | | 97 |
| 31) Naphthalene | 10.399 | 128 | 263657 | 19.857 | ng | | 99 |
| 32) Benzoic acid | 9.693 | 122 | 62768 | 19.574 | ng | | 93 |
| 33) 4-Chloroaniline | 10.522 | 127 | 97092 | 20.545 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.669 | 225 | 85632 | 19.748 | ng | | 96 |
| 35) Caprolactam | 11.299 | 113 | 27709 | 20.015 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 11.652 | 107 | 105170 | 20.491 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.004 | 142 | 196118 | 19.722 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.228 | 142 | 198929 | 20.155 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.381 | 216 | 146460 | 19.872 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.351 | 237 | 37911 | 18.316 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 12.640 | 196 | 94036 | 20.061 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.716 | 196 | 105280 | 19.730 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.034 | 154 | 290287 | 20.058 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.075 | 162 | 240698 | 20.041 | ng | 99 |
| 48) 2-Nitroaniline | 13.299 | 65 | 70661 | 20.468 | ng | 98 |
| 49) Acenaphthylene | 13.928 | 152 | 337227 | 20.106 | ng | 99 |
| 50) Dimethylphthalate | 13.681 | 163 | 324134 | 20.335 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.787 | 165 | 73754 | 20.350 | ng | 94 |
| 52) Acenaphthene | 14.275 | 154 | 216912 | 20.111 | ng | 100 |
| 53) 3-Nitroaniline | 14.134 | 138 | 58889 | 19.999 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.369 | 184 | 40866 | 18.170 | ng | 97 |
| 55) Dibenzofuran | 14.610 | 168 | 386309 | 20.395 | ng | 98 |
| 56) 4-Nitrophenol | 14.481 | 139 | 50273 | 19.922 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 14.604 | 165 | 105611 | 20.157 | ng | 92 |
| 58) Fluorene | 15.269 | 166 | 318036 | 20.210 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.857 | 232 | 103689 | 20.148 | ng | 99 |
| 60) Diethylphthalate | 15.063 | 149 | 317055 | 20.000 | ng | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.275 | 204 | 187776 | 20.246 | ng | 97 |
| 62) 4-Nitroaniline | 15.316 | 138 | 59206 | 19.701 | ng | 97 |
| 63) Azobenzene | 15.575 | 77 | 281387 | 20.642 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.393 | 198 | 64687 | 18.479 | ng | 93 |
| 66) n-Nitrosodiphenylamine | 15.504 | 169 | 276626 | 20.082 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.198 | 248 | 133693 | 20.005 | ng | 96 |
| 68) Hexachlorobenzene | 16.310 | 284 | 172617 | 20.166 | ng | 97 |
| 69) Atrazine | 16.487 | 200 | 86271 | 18.580 | ng | 99 |
| 70) Pentachlorophenol | 16.669 | 266 | 106573 | 19.495 | ng | 98 |
| 71) Phenanthrene | 17.057 | 178 | 541165 | 20.069 | ng | 99 |
| 72) Anthracene | 17.163 | 178 | 518161 | 20.023 | ng | 99 |
| 73) Carbazole | 17.439 | 167 | 505866 | 20.467 | ng | 99 |
| 74) Di-n-butylphthalate | 18.028 | 149 | 547349 | 19.871 | ng | 99 |
| 75) Fluoranthene | 19.169 | 202 | 760983 | 20.344 | ng | 99 |
| 77) Benzidine | 19.369 | 184 | 116045 | 9.015 | ng | 98 |
| 78) Pyrene | 19.551 | 202 | 778057 | 20.175 | ng | 98 |
| 80) Butylbenzylphthalate | 20.492 | 149 | 259041 | 19.700 | ng | 95 |
| 81) Benzo(a)anthracene | 21.445 | 228 | 816112 | 20.129 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.375 | 252 | 331050 | 20.171 | ng | 99 |
| 83) Chrysene | 21.516 | 228 | 762031 | 20.066 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.380 | 149 | 372808 | 19.756 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.604 | 149 | 613974 | 19.469 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 28.362 | 276 | 1065144 | 20.041 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.674 | 252 | 895045 | 19.331 | ng | 98 |
| 89) Benzo(k)fluoranthene | 23.739 | 252 | 890108 | 20.359 | ng | 98 |
| 90) Benzo(a)pyrene | 24.539 | 252 | 795541 | 20.081 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.427 | 278 | 870301m | 19.973 | ng | |
| 92) Benzo(g,h,i)perylene | 29.504 | 276 | 889050 | 19.905 | ng | 98 |

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

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