Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052424\
Data File : BP020454.D
Acq On : 24 May 2024 15:13
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 25 01:56:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 25 01:41:43 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 05/28/2024
Supervised By :mohammad ahmed 05/28/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.775 | 152 | 378211 | 20.000 | ng | | 0.01 |
| 21) Naphthalene-d8 | 10.546 | 136 | 1582119 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.410 | 164 | 1030415 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.228 | 188 | 2088107 | 20.000 | ng | | 0.01 |
| 76) Chrysene-d12 | 21.686 | 240 | 1297949 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 25.074 | 264 | 1389267 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.375 | 112 | 3265281 | 151.035 | ng | | 0.00 |
| 7) Phenol-d6 | 6.946 | 99 | 4612796 | 154.306 | ng | | 0.02 |
| 23) Nitrobenzene-d5 | 8.928 | 82 | 4335084 | 162.497 | ng | | 0.01 |
| 42) 2,4,6-Tribromophenol | 15.934 | 330 | 1851425 | 173.332 | ng | | 0.02 |
| 45) 2-Fluorobiphenyl | 13.028 | 172 | 9990297 | 142.709 | ng | | 0.02 |
| 79) Terphenyl-d14 | 19.969 | 244 | 12100508 | 154.184 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.328 | 88 | 634531 | 73.562 | ng | | 100 |
| 3) Pyridine | 3.717 | 79 | 1925264m | 79.934 | ng | | |
| 4) n-Nitrosodimethylamine | 3.634 | 42 | 875483 | 78.509 | ng | | 94 |
| 6) Aniline | 7.116 | 93 | 2374139 | 78.096 | ng | | 100 |
| 8) 2-Chlorophenol | 7.340 | 128 | 1820881 | 76.925 | ng | | 99 |
| 10) Phenol | 6.969 | 94 | 2349029 | 77.415 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 7.210 | 93 | 1914388 | 76.185 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.663 | 146 | 2085169 | 74.516 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 7.810 | 146 | 2123194 | 74.814 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.122 | 146 | 2025194 | 74.485 | ng | | 100 |
| 15) Benzyl Alcohol | 8.010 | 79 | 1706322 | 78.422 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.299 | 45 | 2769854m | 73.721 | ng | | |
| 17) 2-Methylphenol | 8.205 | 107 | 1585321 | 77.025 | ng | | 97 |
| 18) Hexachloroethane | 8.846 | 117 | 775318 | 76.840 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.587 | 70 | 1506288 | 74.053 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.540 | 107 | 2224646 | 79.134 | ng | | 99 |
| 22) Acetophenone | 8.593 | 105 | 2879824 | 73.836 | ng | # | 98 |
| 24) Nitrobenzene | 8.969 | 77 | 2213654 | 80.891 | ng | | 96 |
| 25) Isophorone | 9.493 | 82 | 4337005 | 76.241 | ng | | 100 |
| 27) 2,4-Dimethylphenol | 9.722 | 122 | 1306000 | 76.427 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.969 | 93 | 2592215 | 74.889 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.193 | 162 | 1834234 | 80.499 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.404 | 180 | 2076542 | 76.672 | ng | | 99 |
| 31) Naphthalene | 10.599 | 128 | 6085880 | 75.450 | ng | | 99 |
| 32) Benzoic acid | 9.922 | 122 | 1320343 | 79.388 | ng | | 98 |
| 33) 4-Chloroaniline | 10.710 | 127 | 2393651 | 76.818 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.875 | 225 | 1291954 | 76.877 | ng | | 99 |
| 35) Caprolactam | 11.522 | 113 | 652447m | 82.423 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.828 | 107 | 2099747 | 81.003 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.210 | 142 | 4252975 | 74.221 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.434 | 142 | 4241421 | 75.144 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.575 | 216 | 2308676 | 76.936 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 12.551 | 237 | 849608 | 80.573 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.822 | 196 | 1487800 | 82.224 | ng | | 97 |
| 44) 2,4,5-Trichlorophenol | 12.887 | 196 | 1654547 | 83.124 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.234 | 154 | 5378920 | 73.150 | ng | | 98 |

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Misc :
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**Instrument :**
BNA_P
**ClientSampleId :**
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**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 05/28/2024
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Quant Time: May 25 01:56:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 25 01:41:43 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 47) 2-Chloronaphthalene | 13.269 | 162 | 4360490 | 75.146 | ng | 99 |
| 48) 2-Nitroaniline | 13.481 | 65 | 1282905 | 81.728 | ng | 96 |
| 49) Acenaphthylene | 14.134 | 152 | 6486295 | 74.953 | ng | 99 |
| 50) Dimethylphthalate | 13.881 | 163 | 5435822 | 76.558 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.992 | 165 | 1229110 | 89.857 | ng | 94 |
| 52) Acenaphthene | 14.481 | 154 | 4328897m | 77.198 | ng | |
| 53) 3-Nitroaniline | 14.322 | 138 | 1206084 | 90.063 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.522 | 184 | 480319 | 79.570 | ng | 99 |
| 55) Dibenzofuran | 14.816 | 168 | 6357898 | 74.783 | ng | 98 |
| 56) 4-Nitrophenol | 14.628 | 139 | 989261 | 89.419 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 14.781 | 165 | 1636679 | 82.488 | ng | 96 |
| 58) Fluorene | 15.481 | 166 | 4860957 | 71.095 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.045 | 232 | 1347940 | 82.285 | ng | 98 |
| 60) Diethylphthalate | 15.275 | 149 | 5585760 | 77.214 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.481 | 204 | 2585742 | 73.301 | ng | 99 |
| 62) 4-Nitroaniline | 15.516 | 138 | 1211348 | 89.341 | ng | 97 |
| 63) Azobenzene | 15.786 | 77 | 4994093 | 73.805 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.563 | 198 | 741243 | 79.446 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.704 | 169 | 4448487 | 74.495 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.404 | 248 | 1698584 | 76.872 | ng | 100 |
| 68) Hexachlorobenzene | 16.504 | 284 | 1941694 | 76.137 | ng | 99 |
| 69) Atrazine | 16.686 | 200 | 1563720 | 75.231 | ng | 99 |
| 70) Pentachlorophenol | 16.863 | 266 | 1234519 | 87.406 | ng | 99 |
| 71) Phenanthrene | 17.275 | 178 | 7510110 | 72.901 | ng | 99 |
| 72) Anthracene | 17.363 | 178 | 7411172 | 72.550 | ng | 99 |
| 73) Carbazole | 17.645 | 167 | 6947595 | 71.846 | ng | 98 |
| 74) Di-n-butylphthalate | 18.263 | 149 | 8774480 | 71.944 | ng | 99 |
| 75) Fluoranthene | 19.363 | 202 | 8136797 | 67.740 | ng | 99 |
| 78) Pyrene | 19.739 | 202 | 8238392 | 83.937 | ng | 99 |
| 80) Butylbenzylphthalate | 20.710 | 149 | 3052403 | 85.017 | ng | 98 |
| 81) Benzo(a)anthracene | 21.663 | 228 | 6544119 | 76.395 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.592 | 252 | 2015629 | 74.464 | ng | 99 |
| 83) Chrysene | 21.745 | 228 | 6057688 | 75.343 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.633 | 149 | 4405289 | 79.075 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.957 | 149 | 6790189 | 79.569 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 28.921 | 276 | 7517946m | 83.059 | ng | |
| 88) Benzo(b)fluoranthene | 24.004 | 252 | 6529301 | 77.794 | ng | 100 |
| 89) Benzo(k)fluoranthene | 24.086 | 252 | 6129747 | 75.546 | ng | 98 |
| 90) Benzo(a)pyrene | 24.921 | 252 | 5673710 | 78.085 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 29.027 | 278 | 6263978 | 83.398 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 30.133 | 276 | 6287002 | 83.351 | ng | 98 |

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

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