Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051324\
Data File : BM045723.D
Acq On : 13 May 2024 21:16
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 14 02:32:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 02:21:04 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC080

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 05/14/2024
Supervised By :mohammad ahmed 05/17/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.581 | 152 | 129102 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.351 | 136 | 597327 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.215 | 164 | 438361 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.962 | 188 | 947171 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.180 | 240 | 576787 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.980 | 264 | 451949 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.269 | 112 | 1235553 | 164.237 | ng | 0.00 |
| 7) Phenol-d6 | 6.869 | 99 | 1620122 | 176.605 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.757 | 82 | 2131175 | 163.866 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.721 | 330 | 1151765 | 192.428 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.839 | 172 | 5819028 | 182.961 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.603 | 244 | 10337523 | 174.911 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.210 | 88 | 170808 | 83.292 | ng | 98 |
| 3) Pyridine | 3.634 | 79 | 536489m | 66.480 | ng | |
| 4) n-Nitrosodimethylamine | 3.522 | 42 | 341486 | 80.312 | ng | 95 |
| 6) Aniline | 6.963 | 93 | 569188 | 75.240 | ng | 100 |
| 8) 2-Chlorophenol | 7.187 | 128 | 600362 | 86.443 | ng | 98 |
| 10) Phenol | 6.892 | 94 | 750145 | 87.728 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 7.045 | 93 | 606849 | 79.696 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 7.469 | 146 | 758315 | 80.555 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.616 | 146 | 789474 | 81.517 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.934 | 146 | 710517 | 82.214 | ng | 100 |
| 15) Benzyl Alcohol | 7.881 | 79 | 727089 | 85.896 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.122 | 45 | 588256m | 78.352 | ng | |
| 17) 2-Methylphenol | 8.104 | 107 | 525809 | 86.049 | ng | 97 |
| 18) Hexachloroethane | 8.645 | 117 | 349956 | 83.971 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 8.428 | 70 | 644622 | 93.546 | ng | 95 |
| 20) 3+4-Methylphenols | 8.434 | 107 | 796693 | 92.264 | ng | 93 |
| 22) Acetophenone | 8.428 | 105 | 1208537 | 89.805 | ng | 96 |
| 24) Nitrobenzene | 8.798 | 77 | 973274 | 77.336 | ng | 99 |
| 25) Isophorone | 9.345 | 82 | 1610069 | 85.629 | ng | 99 |
| 26) 2-Nitrophenol | 9.492 | 139 | 390745 | 91.439 | ng | 97 |
| 27) 2,4-Dimethylphenol | 9.610 | 122 | 467186 | 87.024 | ng | 96 |
| 28) bis(2-Chloroethoxy)met... | 9.804 | 93 | 949185 | 87.237 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.045 | 162 | 715500 | 90.572 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.210 | 180 | 821595 | 85.945 | ng | 99 |
| 31) Naphthalene | 10.404 | 128 | 2537848 | 85.874 | ng | 100 |
| 32) Benzoic acid | 9.910 | 122 | 502643 | 95.404 | ng | 99 |
| 33) 4-Chloroaniline | 10.569 | 127 | 898608 | 84.708 | ng | 99 |
| 34) Hexachlorobutadiene | 10.680 | 225 | 532306 | 87.362 | ng | 98 |
| 35) Caprolactam | 11.498 | 113 | 240190m | 93.236 | ng | |
| 36) 4-Chloro-3-methylphenol | 11.733 | 107 | 887777 | 91.545 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.016 | 142 | 1935426 | 89.545 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.239 | 142 | 1923065 | 90.359 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.380 | 216 | 1016277 | 87.344 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 12.374 | 237 | 440428 | 86.334 | ng | 96 |
| 43) 2,4,6-Trichlorophenol | 12.663 | 196 | 679997 | 89.096 | ng | 97 |
| 44) 2,4,5-Trichlorophenol | 12.757 | 196 | 748485 | 87.343 | ng | 96 |

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 46) 1,1'-Biphenyl | 13.045 | 154 | 2657164 | 84.388 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.086 | 162 | 2024360 | 83.116 | ng | | 98 |
| 48) 2-Nitroaniline | 13.339 | 65 | 665158 | 83.192 | ng | | 99 |
| 49) Acenaphthylene | 13.939 | 152 | 3281084 | 86.664 | ng | | 99 |
| 50) Dimethylphthalate | 13.727 | 163 | 2678388 | 83.836 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.827 | 165 | 589971 | 85.385 | ng | | 89 |
| 52) Acenaphthene | 14.280 | 154 | 2050687 | 87.341 | ng | | 99 |
| 53) 3-Nitroaniline | 14.186 | 138 | 592188 | 87.197 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.363 | 184 | 355795 | 81.761 | ng | | 94 |
| 55) Dibenzofuran | 14.621 | 168 | 3454243 | 88.697 | ng | | 98 |
| 56) 4-Nitrophenol | 14.568 | 139 | 525434 | 89.899 | ng | | 93 |
| 57) 2,4-Dinitrotoluene | 14.615 | 165 | 982204 | 93.831 | ng | | 95 |
| 58) Fluorene | 15.268 | 166 | 3205286 | 91.570 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.874 | 232 | 685362 | 87.119 | ng | | 97 |
| 60) Diethylphthalate | 15.086 | 149 | 3052425 | 84.034 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.268 | 204 | 1562805 | 92.068 | ng | | 97 |
| 62) 4-Nitroaniline | 15.368 | 138 | 644868 | 87.168 | ng | | 92 |
| 63) Azobenzene | 15.568 | 77 | 2801754 | 78.625 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 15.504 | 169 | 2285311 | 92.989 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.162 | 248 | 861816 | 91.868 | ng | | 96 |
| 68) Hexachlorobenzene | 16.262 | 284 | 1020503 | 90.493 | ng | | 99 |
| 69) Atrazine | 16.480 | 200 | 604742 | 78.095 | ng | | 98 |
| 70) Pentachlorophenol | 16.639 | 266 | 675354 | 94.540 | ng | | 96 |
| 71) Phenanthrene | 17.004 | 178 | 4320508 | 90.465 | ng | | 99 |
| 72) Anthracene | 17.092 | 178 | 4181830 | 90.895 | ng | | 99 |
| 73) Carbazole | 17.392 | 167 | 4043263 | 90.612 | ng | | 99 |
| 74) Di-n-butylphthalate | 17.951 | 149 | 5422300 | 93.474 | ng | | 99 |
| 75) Fluoranthene | 19.021 | 202 | 5262565 | 90.552 | ng | | 99 |
| 77) Benzidine | 19.239 | 184 | 1191907 | 94.769 | ng | | 100 |
| 78) Pyrene | 19.386 | 202 | 5255079 | 89.313 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.309 | 149 | 2183242 | 81.820 | ng | | 93 |
| 81) Benzo(a)anthracene | 21.162 | 228 | 3617480 | 91.645 | ng | | 99 |
| 83) Chrysene | 21.227 | 228 | 3417038 | 94.398 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.174 | 149 | 3744874 | 94.128 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 27.115 | 276 | 2095045 | 73.666 | ng | # | 100 |
| 90) Benzo(a)pyrene | 23.856 | 252 | 2447401 | 96.583 | ng | # | 98 |
| 91) Dibenzo(a,h)anthracene | 27.173 | 278 | 1869358 | 78.012 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 28.091 | 276 | 1916694 | 77.770 | ng | | 99 |

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

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