Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102123\
Data File : BM042390.D
Acq On : 20 Oct 2023 22:42
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023

Quant Time: Oct 21 02:28:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:15:02 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.998 | 152 | 118108 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.822 | 136 | 496219 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.645 | 164 | 268130 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.398 | 188 | 538430 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.580 | 240 | 500239 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 24.050 | 264 | 501660 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.522 | 112 | 1379706 | 165.100 | ng | | 0.00 |
| 7) Phenol-d6 | 7.151 | 99 | 1909436 | 170.498 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.204 | 82 | 1928727 | 171.875 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 0.000 | 330 | 0d | 0.000 | ng | | |
| 45) 2-Fluorobiphenyl | 13.269 | 172 | 3442124 | 172.871 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.009 | 244 | 5058724 | 179.346 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.393 | 88 | 310713 | 78.960 | ng | | 99 |
| 3) Pyridine | 3.810 | 79 | 959263m | 83.067 | ng | | |
| 4) n-Nitrosodimethylamine | 3.740 | 42 | 478018 | 82.005 | ng | | 95 |
| 6) Aniline | 7.345 | 93 | 1236782 | 86.739 | ng | | 99 |
| 8) 2-Chlorophenol | 7.557 | 128 | 704158 | 84.917 | ng | | 97 |
| 9) Benzaldehyde | 7.157 | 77 | 434819 | 66.661 | ng | | 99 |
| 10) Phenol | 7.181 | 94 | 982996 | 84.946 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.440 | 93 | 793413 | 83.510 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.881 | 146 | 707394 | 82.476 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 8.034 | 146 | 719646 | 83.354 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.351 | 146 | 686239 | 82.777 | ng | | 99 |
| 15) Benzyl Alcohol | 8.257 | 79 | 745429 | 89.791 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.528 | 45 | 1249781 | 83.137 | ng | | 99 |
| 17) 2-Methylphenol | 8.439 | 107 | 662982 | 86.821 | ng | | 96 |
| 18) Hexachloroethane | 9.063 | 117 | 279981 | 84.237 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.822 | 70 | 687656 | 90.594 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.775 | 107 | 917034 | 89.533 | ng | | 98 |
| 22) Acetophenone | 8.851 | 105 | 1144803 | 84.565 | ng | # | 98 |
| 24) Nitrobenzene | 9.245 | 77 | 964940 | 85.950 | ng | | 99 |
| 25) Isophorone | 9.757 | 82 | 1741158 | 91.301 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.981 | 122 | 687789 | 88.914 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.239 | 93 | 1032601 | 85.463 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.463 | 162 | 613223 | 91.158 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.675 | 180 | 627034 | 86.948 | ng | | 98 |
| 31) Naphthalene | 10.875 | 128 | 2167745 | 85.050 | ng | | 99 |
| 33) 4-Chloroaniline | 11.010 | 127 | 977729 | 88.354 | ng | | 99 |
| 34) Hexachlorobutadiene | 11.098 | 225 | 347978 | 89.170 | ng | | 99 |
| 35) Caprolactam | 11.851 | 113 | 234825 | 83.006 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 12.104 | 107 | 742819 | 91.504 | ng | | 100 |
| 37) 2-Methylnaphthalene | 12.474 | 142 | 1500299 | 87.442 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.692 | 142 | 1404559 | 87.383 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.827 | 216 | 700694 | 90.394 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.080 | 196 | 473645 | 94.391 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 13.145 | 196 | 555340 | 93.621 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.480 | 154 | 1822647 | 85.687 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.533 | 162 | 1329688 | 85.206 | ng | | 99 |

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|---|---|---|---|---|---|---|---|
| 48) 2-Nitroaniline | 13.769 | 65 | 583392 | 81.839 | ng | | 97 |
| 49) Acenaphthylene | 14.374 | 152 | 2196229 | 87.173 | ng | | 100 |
| 50) Dimethylphthalate | 14.116 | 163 | 1706059 | 86.745 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.257 | 165 | 373107 | 81.852 | ng | | 93 |
| 52) Acenaphthene | 14.710 | 154 | 1318455 | 86.561 | ng | | 99 |
| 53) 3-Nitroaniline | 14.592 | 138 | 442890 | 81.653 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 14.792 | 184 | 229908 | 83.214 | ng | | 96 |
| 55) Dibenzofuran | 15.045 | 168 | 2092145 | 86.843 | ng | | 98 |
| 56) 4-Nitrophenol | 14.874 | 139 | 363046 | 90.634 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 15.033 | 165 | 506164 | 82.071 | ng | | 92 |
| 58) Fluorene | 15.692 | 166 | 1679742 | 88.359 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.263 | 232 | 421792 | 94.654 | ng | | 95 |
| 60) Diethylphthalate | 15.457 | 149 | 1697920 | 87.484 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.686 | 204 | 824322 | 92.074 | ng | | 93 |
| 62) 4-Nitroaniline | 15.762 | 138 | 425737 | 81.388 | ng | | 98 |
| 63) Azobenzene | 15.980 | 77 | 2043086 | 87.741 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylph... | 15.786 | 198 | 300227 | 82.313 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 15.910 | 169 | 1422917 | 87.740 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.580 | 248 | 475810 | 95.348 | ng | | 96 |
| 68) Hexachlorobenzene | 16.662 | 284 | 492227 | 92.279 | ng | | 97 |
| 69) Atrazine | 16.857 | 200 | 356446 | 86.672 | ng | | 99 |
| 70) Pentachlorophenol | 17.027 | 266 | 369699 | 82.796 | ng | | 100 |
| 71) Phenanthrene | 17.445 | 178 | 2554301 | 87.205 | ng | | 100 |
| 72) Anthracene | 17.533 | 178 | 2611753 | 90.032 | ng | | 99 |
| 73) Carbazole | 17.821 | 167 | 2413264 | 88.677 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.339 | 149 | 2875855 | 81.372 | ng | | 100 |
| 75) Fluoranthene | 19.451 | 202 | 3027052 | 93.835 | ng | | 98 |
| 77) Benzidine | 19.656 | 184 | 589329 | 81.449 | ng | | 100 |
| 78) Pyrene | 19.821 | 202 | 3165929 | 90.568 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.697 | 149 | 1329594 | 81.472 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.562 | 228 | 3002430 | 89.531 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.503 | 252 | 934350 | 93.334 | ng | | 98 |
| 83) Chrysene | 21.621 | 228 | 2829221 | 87.839 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.444 | 149 | 1888107 | 81.304 | ng | # | 95 |
| 85) Di-n-octyl phthalate | 22.391 | 149 | 3261593 | 80.844 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.650 | 276 | 3374289 | 92.040 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 23.286 | 252 | 2784040 | 92.198 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.338 | 252 | 2873279 | 91.651 | ng | | 98 |
| 90) Benzo(a)pyrene | 23.944 | 252 | 2724610 | 93.745 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 26.668 | 278 | 2804188 | 91.998 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 27.462 | 276 | 2710161 | 91.554 | ng | | 96 |

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

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