Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032824\
Data File : BM044805.D
Acq On : 28 Mar 2024 22:15
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 03/29/2024
Supervised By :mohammad ahmed 03/30/2024

Quant Time: Mar 29 01:21:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 01:06:23 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.675 | 152 | 102040 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.451 | 136 | 419440 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.321 | 164 | 226133 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.080 | 188 | 382020 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.274 | 240 | 245445 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.509 | 264 | 284589 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.287 | 112 | 1112256 | 156.112 | ng | | 0.00 |
| 7) Phenol-d6 | 6.857 | 99 | 1521674 | 164.654 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.839 | 82 | 1491180 | 160.268 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.821 | 330 | 418489 | 169.355 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.939 | 172 | 2744266 | 155.430 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.721 | 244 | 2424345 | 167.392 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.269 | 88 | 211255 | 75.029 | ng | | 99 |
| 3) Pyridine | 3.652 | 79 | 653041m | 82.535 | ng | | |
| 4) n-Nitrosodimethylamine | 3.575 | 42 | 338591 | 81.560 | ng | | 98 |
| 6) Aniline | 7.022 | 93 | 900933 | 83.705 | ng | | 98 |
| 8) 2-Chlorophenol | 7.245 | 128 | 579242 | 80.265 | ng | | 98 |
| 9) Benzaldehyde | 6.840 | 77 | 326367 | 67.915 | ng | | 99 |
| 10) Phenol | 6.887 | 94 | 749060 | 82.094 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.122 | 93 | 576856 | 80.310 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.563 | 146 | 587071 | 77.867 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.710 | 146 | 596927 | 77.918 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.022 | 146 | 577865 | 78.244 | ng | | 98 |
| 15) Benzyl Alcohol | 7.928 | 79 | 551300 | 87.343 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.198 | 45 | 861719m | 79.435 | ng | | |
| 17) 2-Methylphenol | 8.116 | 107 | 536710 | 83.322 | ng | | 98 |
| 18) Hexachloroethane | 8.734 | 117 | 233850 | 78.295 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.492 | 70 | 478466 | 85.558 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.451 | 107 | 742744 | 85.329 | ng | | 99 |
| 22) Acetophenone | 8.504 | 105 | 914763 | 80.413 | ng | # | 98 |
| 24) Nitrobenzene | 8.881 | 77 | 721384 | 79.368 | ng | | 99 |
| 25) Isophorone | 9.410 | 82 | 1244790 | 82.968 | ng | | 99 |
| 26) 2-Nitrophenol | 9.581 | 139 | 334678 | 83.537 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.645 | 122 | 531466 | 80.799 | ng | | 100 |
| 28) bis(2-Chloroethoxy)met... | 9.886 | 93 | 752153 | 79.745 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.110 | 162 | 530977 | 83.176 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.316 | 180 | 527864 | 78.577 | ng | | 99 |
| 31) Naphthalene | 10.504 | 128 | 1819108 | 78.954 | ng | | 99 |
| 32) Benzoic acid | 9.828 | 122 | 463317 | 93.834 | ng | | 97 |
| 33) 4-Chloroaniline | 10.628 | 127 | 799174 | 84.158 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.769 | 225 | 308286 | 77.293 | ng | | 99 |
| 35) Caprolactam | 11.451 | 113 | 171901 | 92.427 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 11.757 | 107 | 566449 | 85.333 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.122 | 142 | 1224378 | 80.984 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.345 | 142 | 1142899 | 81.104 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.492 | 216 | 547261 | 77.379 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.457 | 237 | 319469 | 84.166 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.745 | 196 | 387156 | 81.793 | ng | | 98 |

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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) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.816 | 196 | 450511 | 82.645 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.151 | 154 | 1436475 | 78.494 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.192 | 162 | 1088992 | 79.110 | ng | 99 |
| 48) 2-Nitroaniline | 13.416 | 65 | 405536 | 85.054 | ng | 95 |
| 49) Acenaphthylene | 14.045 | 152 | 1767384 | 81.007 | ng | 100 |
| 50) Dimethylphthalate | 13.798 | 163 | 1298526 | 81.664 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.921 | 165 | 289676 | 84.063 | ng | 98 |
| 52) Acenaphthene | 14.386 | 154 | 1042521 | 80.771 | ng | 99 |
| 53) 3-Nitroaniline | 14.251 | 138 | 343017 | 87.385 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.463 | 184 | 174070 | 81.914 | ng | 97 |
| 55) Dibenzofuran | 14.727 | 168 | 1626235 | 80.305 | ng | 99 |
| 56) 4-Nitrophenol | 14.563 | 139 | 267662 | 88.601 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.716 | 165 | 381557 | 88.251 | ng | 96 |
| 58) Fluorene | 15.380 | 166 | 1252686 | 80.498 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.957 | 232 | 322502 | 82.913 | ng | 99 |
| 60) Diethylphthalate | 15.168 | 149 | 1237754 | 82.911 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.380 | 204 | 598418 | 81.040 | ng | 99 |
| 62) 4-Nitroaniline | 15.421 | 138 | 328335m | 87.098 | ng | |
| 63) Azobenzene | 15.668 | 77 | 1387852 | 83.423 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.474 | 198 | 209738 | 88.221 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.598 | 169 | 1027668 | 81.149 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.274 | 248 | 337566 | 80.718 | ng | 98 |
| 68) Hexachlorobenzene | 16.374 | 284 | 366553 | 80.976 | ng | 98 |
| 69) Atrazine | 16.562 | 200 | 278506 | 80.465 | ng | 98 |
| 70) Pentachlorophenol | 16.727 | 266 | 264159 | 88.167 | ng | 98 |
| 71) Phenanthrene | 17.121 | 178 | 1687806 | 79.192 | ng | 99 |
| 72) Anthracene | 17.209 | 178 | 1735633 | 80.626 | ng | 99 |
| 73) Carbazole | 17.492 | 167 | 1524886 | 79.328 | ng | 99 |
| 74) Di-n-butylphthalate | 18.062 | 149 | 1700477 | 80.551 | ng | 99 |
| 75) Fluoranthene | 19.145 | 202 | 1596008 | 75.021 | ng | 99 |
| 77) Benzidine | 19.345 | 184 | 428075 | 80.889 | ng | 99 |
| 78) Pyrene | 19.509 | 202 | 1658067 | 84.775 | ng | 100 |
| 80) Butylbenzylphthalate | 20.427 | 149 | 602407 | 84.688 | ng | 99 |
| 81) Benzo(a)anthracene | 21.262 | 228 | 1353976 | 79.139 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.203 | 252 | 464575 | 78.307 | ng | 99 |
| 83) Chrysene | 21.315 | 228 | 1291624 | 78.768 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.203 | 149 | 777252 | 80.164 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.092 | 149 | 1231257 | 75.045 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 25.774 | 276 | 1695424 | 78.426 | ng | 99 |
| 88) Benzo(b)fluoranthene | 22.844 | 252 | 1271849 | 78.866 | ng | 100 |
| 89) Benzo(k)fluoranthene | 22.886 | 252 | 1325967 | 81.882 | ng | 99 |
| 90) Benzo(a)pyrene | 23.415 | 252 | 1305132 | 79.747 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 25.791 | 278 | 1412740 | 78.906 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 26.462 | 276 | 1458382 | 78.290 | ng | 98 |

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

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