Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050824\
Data File : BM045707.D
Acq On : 08 May 2024 10:59
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 08 14:53:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM050824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 08 14:48:54 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC010

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :mohammad ahmed 05/10/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.645 | 152 | 693017 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.422 | 136 | 3212795 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.280 | 164 | 2042413 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.027 | 188 | 4190982 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.215 | 240 | 3835372 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.415 | 264 | 4441008 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.251 | 112 | 804724 | 19.309 | ng | | 0.00 |
| 7) Phenol-d6 | 6.816 | 99 | 1075125 | 19.025 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.786 | 82 | 1064019 | 18.960 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.768 | 330 | 355652 | 17.776 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.904 | 172 | 2575510 | 20.521 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.674 | 244 | 4200348 | 18.720 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.228 | 88 | 157818 | 9.965 | ng | | 99 |
| 3) Pyridine | 3.604 | 79 | 446578 | 9.536 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.522 | 42 | 235844 | 9.621 | ng | # | 97 |
| 6) Aniline | 6.975 | 93 | 548575 | 9.792 | ng | | 99 |
| 8) 2-Chlorophenol | 7.210 | 128 | 451145 | 9.769 | ng | | 97 |
| 9) Benzaldehyde | 6.792 | 77 | 367150 | 9.854 | ng | | 99 |
| 10) Phenol | 6.839 | 94 | 553811 | 9.708 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.081 | 93 | 474002 | 9.803 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.534 | 146 | 514085 | 9.916 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.681 | 146 | 523428 | 9.970 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.992 | 146 | 506079 | 10.078 | ng | | 99 |
| 15) Benzyl Alcohol | 7.881 | 79 | 381049 | 9.528 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.186 | 45 | 746828 | 10.017 | ng | | 98 |
| 17) 2-Methylphenol | 8.081 | 107 | 378817 | 9.774 | ng | | 98 |
| 18) Hexachloroethane | 8.716 | 117 | 198622 | 9.729 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.451 | 70 | 384828 | 9.920 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.404 | 107 | 522754 | 9.658 | ng | | 100 |
| 22) Acetophenone | 8.457 | 105 | 751693 | 9.827 | ng | | 98 |
| 24) Nitrobenzene | 8.828 | 77 | 536823 | 9.610 | ng | | 98 |
| 25) Isophorone | 9.357 | 82 | 1094704 | 9.770 | ng | | 99 |
| 26) 2-Nitrophenol | 9.533 | 139 | 154407 | 10.690 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.604 | 122 | 321137 | 9.478 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.845 | 93 | 667177 | 9.748 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.063 | 162 | 389618 | 9.222 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.286 | 180 | 459556 | 9.617 | ng | | 96 |
| 31) Naphthalene | 10.469 | 128 | 1595437 | 9.827 | ng | | 100 |
| 32) Benzoic acid | 9.680 | 122 | 173022m | 9.616 | ng | | |
| 33) 4-Chloroaniline | 10.575 | 127 | 622296 | 9.659 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.769 | 225 | 262488 | 9.626 | ng | | 97 |
| 35) Caprolactam | 11.310 | 113 | 147280 | 9.234 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 11.704 | 107 | 466394 | 9.385 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.086 | 142 | 1078163 | 9.708 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.310 | 142 | 1073493 | 9.778 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.457 | 216 | 474938 | 9.431 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.451 | 237 | 160659 | 9.032 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.698 | 196 | 288582 | 8.864 | ng | | 96 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.763 | 196 | 324469 | 8.959 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.116 | 154 | 1381415 | 9.753 | ng | | 100 |
| 47) 2-Chloronaphthalene | 13.145 | 162 | 1083714 | 9.769 | ng | | 99 |
| 48) 2-Nitroaniline | 13.345 | 65 | 242801 | 10.346 | ng | | 100 |
| 49) Acenaphthylene | 13.998 | 152 | 1655575 | 9.772 | ng | | 99 |
| 50) Dimethylphthalate | 13.751 | 163 | 1350861 | 9.698 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.851 | 165 | 243521 | 8.723 | ng | | 95 |
| 52) Acenaphthene | 14.345 | 154 | 1046040m | 9.788 | ng | | |
| 53) 3-Nitroaniline | 14.174 | 138 | 265774 | 8.495 | ng | # | 94 |
| 54) 2,4-Dinitrophenol | 14.380 | 184 | 51881 | 10.003 | ng | | 94 |
| 55) Dibenzofuran | 14.680 | 168 | 1614549 | 9.951 | ng | | 99 |
| 56) 4-Nitrophenol | 14.480 | 139 | 209547 | 10.406 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 14.639 | 165 | 297576 | 10.311 | ng | | 94 |
| 58) Fluorene | 15.333 | 166 | 1347168 | 9.792 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.904 | 232 | 269715 | 9.030 | ng | | 98 |
| 60) Diethylphthalate | 15.127 | 149 | 1468769 | 9.724 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.339 | 204 | 637672 | 9.781 | ng | | 98 |
| 62) 4-Nitroaniline | 15.333 | 138 | 302697 | 8.892 | ng | | 96 |
| 63) Azobenzene | 15.633 | 77 | 1469434 | 10.006 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.404 | 198 | 80698 | 10.354 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 15.551 | 169 | 1119586 | 9.760 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.233 | 248 | 384798 | 9.623 | ng | | 99 |
| 68) Hexachlorobenzene | 16.333 | 284 | 452456 | 9.705 | ng | | 97 |
| 69) Atrazine | 16.509 | 200 | 357215 | 10.269 | ng | | 99 |
| 70) Pentachlorophenol | 16.674 | 266 | 235777 | 8.077 | ng | | 99 |
| 71) Phenanthrene | 17.068 | 178 | 1966701 | 9.922 | ng | | 100 |
| 72) Anthracene | 17.156 | 178 | 1968871 | 9.953 | ng | | 100 |
| 73) Carbazole | 17.421 | 167 | 2006154 | 9.977 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.027 | 149 | 2593656 | 10.446 | ng | | 99 |
| 75) Fluoranthene | 19.086 | 202 | 2366458 | 10.226 | ng | | 99 |
| 77) Benzidine | 19.274 | 184 | 616286 | 5.597 | ng | | 99 |
| 78) Pyrene | 19.445 | 202 | 2468907 | 10.003 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.386 | 149 | 904682 | 10.357 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.203 | 228 | 2431111 | 10.134 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.139 | 252 | 818839 | 9.159 | ng | | 99 |
| 83) Chrysene | 21.256 | 228 | 2229894 | 10.106 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.186 | 149 | 1618606 | 9.242 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.068 | 149 | 2741073 | 10.069 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 25.621 | 276 | 2773694 | 9.741 | ng | | 100 |
| 88) Benzo(b)fluoranthene | 22.762 | 252 | 2550842 | 9.806 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.803 | 252 | 2336707 | 9.494 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.321 | 252 | 2163439 | 9.470 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 25.632 | 278 | 2298586 | 9.729 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 26.279 | 276 | 2272543 | 9.848 | ng | | 99 |

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

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