Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
Data File : BM033552.D
Acq On : 21 Dec 2021 12:58
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 21 14:03:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 21 14:01:11 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.907 | 152 | 24644 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.719 | 136 | 107229 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.560 | 164 | 79428 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.306 | 188 | 174338 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.483 | 240 | 145972 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.877 | 264 | 136472 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.472 | 112 | 122790 | 85.976 | ng | | 0.00 |
| 7) Phenol-d6 | 7.078 | 99 | 173430 | 90.487 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.083 | 82 | 217436 | 87.068 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.048 | 330 | 81040 | 90.702 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.183 | 172 | 463705 | 80.758 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.924 | 244 | 739189 | 79.723 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.354 | 88 | 22417 | 36.033 | ng | | 95 |
| 3) Pyridine | 3.766 | 79 | 64232 | 42.219 | ng | # | 87 |
| 4) n-Nitrosodimethylamine | 3.678 | 42 | 49038 | 45.315 | ng | # | 78 |
| 6) Aniline | 7.242 | 93 | 98956 | 45.208 | ng | | 94 |
| 8) 2-Chlorophenol | 7.472 | 128 | 67765 | 43.769 | ng | | 99 |
| 9) Benzaldehyde | 7.054 | 77 | 49341 | 35.652 | ng | | 97 |
| 10) Phenol | 7.107 | 94 | 86481 | 44.663 | ng | | 86 |
| 11) bis(2-Chloroethyl)ether | 7.337 | 93 | 64773 | 42.455 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.795 | 146 | 78427m | 41.696 | ng | | |
| 13) 1,4-Dichlorobenzene | 7.942 | 146 | 80705 | 41.810 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 8.260 | 146 | 80170 | 42.337 | ng | | 99 |
| 15) Benzyl Alcohol | 8.160 | 79 | 82683 | 47.863 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.442 | 45 | 115029 | 42.402 | ng | | 99 |
| 17) 2-Methylphenol | 8.360 | 107 | 62927 | 45.730 | ng | | 94 |
| 18) Hexachloroethane | 8.989 | 117 | 33531 | 41.690 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.725 | 70 | 67899 | 44.935 | ng | | 92 |
| 20) 3+4-Methylphenols | 8.689 | 107 | 86297 | 47.013 | ng | | 94 |
| 22) Acetophenone | 8.742 | 105 | 124077 | 42.739 | ng | # | 92 |
| 24) Nitrobenzene | 9.125 | 77 | 103204 | 42.072 | ng | | 99 |
| 25) Isophorone | 9.654 | 82 | 168764 | 41.740 | ng | | 98 |
| 26) 2-Nitrophenol | 9.836 | 139 | 41555 | 48.500 | ng | # | 88 |
| 27) 2,4-Dimethylphenol | 9.895 | 122 | 61103 | 43.394 | ng | | 92 |
| 28) bis(2-Chloroethoxy)met... | 10.136 | 93 | 96605 | 43.499 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.372 | 162 | 73091 | 45.510 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.583 | 180 | 83214 | 40.862 | ng | | 98 |
| 31) Naphthalene | 10.772 | 128 | 238583 | 41.073 | ng | | 99 |
| 32) Benzoic acid | 10.054 | 122 | 52450 | 59.579 | ng | | 94 |
| 33) 4-Chloroaniline | 10.889 | 127 | 94119 | 50.084 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.048 | 225 | 57295 | 40.353 | ng | | 96 |
| 35) Caprolactam | 11.695 | 113 | 15524 | 48.929 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 12.013 | 107 | 92736 | 44.987 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.377 | 142 | 172629 | 42.962 | ng | | 94 |
| 38) 1-Methylnaphthalene | 12.601 | 142 | 170838 | 42.624 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.748 | 216 | 93337 | 40.793 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.719 | 237 | 56809 | 57.413 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.995 | 196 | 67599 | 44.182 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.066 | 196 | 70519 | 43.189 | ng | | 94 |
| 46) 1,1'-Biphenyl | 13.389 | 154 | 238963 | 40.629 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.436 | 162 | 186913 | 41.112 | ng | | 97 |
| 48) 2-Nitroaniline | 13.648 | 65 | 74345 | 47.998 | ng | | 100 |
| 49) Acenaphthylene | 14.277 | 152 | 298876 | 41.493 | ng | | 98 |
| 50) Dimethylphthalate | 14.024 | 163 | 252633 | 41.992 | ng | | 97 |
| 51) 2,6-Dinitrotoluene | 14.142 | 165 | 51546 | 45.334 | ng | # | 85 |
| 52) Acenaphthene | 14.624 | 154 | 177597 | 40.597 | ng | | 97 |
| 53) 3-Nitroaniline | 14.477 | 138 | 52795 | 49.508 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 14.677 | 184 | 34182 | 68.947 | ng | # | 83 |
| 55) Dibenzofuran | 14.960 | 168 | 304838 | 41.118 | ng | | 93 |
| 56) 4-Nitrophenol | 14.789 | 139 | 40827 | 54.328 | ng | # | 75 |
| 57) 2,4-Dinitrotoluene | 14.930 | 165 | 71908 | 46.244 | ng | | 91 |
| 58) Fluorene | 15.607 | 166 | 247121 | 41.535 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.183 | 232 | 65236m | 43.914 | ng | | |
| 60) Diethylphthalate | 15.383 | 149 | 268369 | 41.482 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.601 | 204 | 129201 | 41.828 | ng | | 95 |
| 62) 4-Nitroaniline | 15.642 | 138 | 55737 | 57.581 | ng | # | 78 |
| 63) Azobenzene | 15.895 | 77 | 305365 | 42.073 | ng | | 93 |
| 65) 4,6-Dinitro-2-methylph... | 15.689 | 198 | 50635 | 57.111 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 15.818 | 169 | 214288 | 41.404 | ng | | 96 |
| 67) 4-Bromophenyl-phenylether | 16.495 | 248 | 76942 | 40.449 | ng | # | 89 |
| 68) Hexachlorobenzene | 16.607 | 284 | 83158 | 40.713 | ng | | 98 |
| 69) Atrazine | 16.771 | 200 | 49055 | 44.705 | ng | | 98 |
| 70) Pentachlorophenol | 16.954 | 266 | 52633 | 45.906 | ng | | 95 |
| 71) Phenanthrene | 17.348 | 178 | 394142 | 40.621 | ng | | 99 |
| 72) Anthracene | 17.436 | 178 | 391018 | 41.221 | ng | | 99 |
| 73) Carbazole | 17.712 | 167 | 377498 | 45.074 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.271 | 149 | 465768 | 40.005 | ng | # | 98 |
| 75) Fluoranthene | 19.359 | 202 | 452841 | 40.571 | ng | | 98 |
| 77) Benzidine | 19.553 | 184 | 63500 | 93.038 | ng | | 98 |
| 78) Pyrene | 19.724 | 202 | 459373 | 39.885 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.618 | 149 | 203416 | 39.463 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.465 | 228 | 412808 | 42.194 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.406 | 252 | 186213 | 48.544 | ng | | 97 |
| 83) Chrysene | 21.518 | 228 | 394802 | 41.911 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 21.389 | 149 | 277243 | 36.697 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.318 | 149 | 445150 | 36.246 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.365 | 276 | 396204 | 62.970 | ng | # | 93 |
| 88) Benzo(b)fluoranthene | 23.147 | 252 | 355388 | 40.610 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 23.194 | 252 | 360059 | 40.676 | ng | # | 97 |
| 90) Benzo(a)pyrene | 23.771 | 252 | 304739 | 46.534 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 26.382 | 278 | 335348 | 71.057 | ng | | 96 |
| 92) Benzo(g,h,i)perylene | 27.129 | 276 | 333885 | 55.016 | ng | | 96 |

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

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