Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061022\
Data File : BM035447.D
Acq On : 10 Jun 2022 13:52
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 10 14:32:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 10 14:00:28 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.822 | 152 | 394169 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.622 | 136 | 1673181 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.462 | 164 | 1035241 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.209 | 188 | 2047283 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.397 | 240 | 1589606 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.738 | 264 | 1412383 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.404 | 112 | 2275950 | 121.331 | ng | | 0.00 |
| 7) Phenol-d6 | 7.010 | 99 | 3211518 | 125.337 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.986 | 82 | 3042493 | 115.461 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.957 | 330 | 1151662 | 69.335 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.092 | 172 | 6730223 | 93.374 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.839 | 244 | 8097406 | 101.486 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.299 | 88 | 407445 | 64.749 | ng | | 95 |
| 3) Pyridine | 3.704 | 79 | 1217567m | 70.954 | ng | | |
| 4) n-Nitrosodimethylamine | 3.616 | 42 | 556419 | 85.935 | ng | | 81 |
| 6) Aniline | 7.151 | 93 | 1766067 | 63.056 | ng | | 100 |
| 8) 2-Chlorophenol | 7.392 | 128 | 1324726 | 56.281 | ng | | 96 |
| 9) Benzaldehyde | 6.963 | 77 | 725188 | 60.408 | ng | | 96 |
| 10) Phenol | 7.034 | 94 | 1576534 | 63.824 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.251 | 93 | 1242929 | 61.858 | ng | | 100 |
| 12) 1,3-Dichlorobenzene | 7.710 | 146 | 1366258 | 49.703 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.857 | 146 | 1400919 | 49.639 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 8.175 | 146 | 1380447 | 49.881 | ng | | 99 |
| 15) Benzyl Alcohol | 8.075 | 79 | 1141900 | 60.989 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.351 | 45 | 2077853 | 84.816 | ng | | 98 |
| 17) 2-Methylphenol | 8.281 | 107 | 1086060 | 58.159 | ng | | 96 |
| 18) Hexachloroethane | 8.898 | 117 | 510101 | 55.412 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.639 | 70 | 1008331 | 62.229 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.616 | 107 | 1533722 | 58.678 | ng | | 97 |
| 22) Acetophenone | 8.651 | 105 | 1997252 | 53.694 | ng | # | 98 |
| 24) Nitrobenzene | 9.028 | 77 | 1394473 | 58.421 | ng | | 98 |
| 25) Isophorone | 9.563 | 82 | 2536583 | 55.656 | ng | | 97 |
| 26) 2-Nitrophenol | 9.739 | 139 | 760937 | 48.718 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.810 | 122 | 1077357 | 52.014 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.039 | 93 | 1723070 | 54.706 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.280 | 162 | 1207381 | 42.750 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.486 | 180 | 1288695 | 39.666 | ng | | 99 |
| 31) Naphthalene | 10.669 | 128 | 4115693 | 50.767 | ng | | 100 |
| 32) Benzoic acid | 10.033 | 122 | 1000043 | 53.975 | ng | | 96 |
| 33) 4-Chloroaniline | 10.786 | 127 | 1734893 | 51.101 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.957 | 225 | 720805 | 33.552 | ng | | 99 |
| 35) Caprolactam | 11.616 | 113 | 443830 | 53.394 | ng | | 91 |
| 36) 4-Chloro-3-methylphenol | 11.933 | 107 | 1385054 | 53.196 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.286 | 142 | 2901014 | 47.422 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.504 | 142 | 2845629 | 47.467 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.657 | 216 | 1393121 | 41.048 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.633 | 237 | 540048 | 37.070 | ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 12.904 | 196 | 996379 | 43.496 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.986 | 196 | 1077102 | 43.796 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.298 | 154 | 3811016 | 51.643 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.339 | 162 | 2883094 | 50.078 | ng | | 97 |
| 48) 2-Nitroaniline | 13.557 | 65 | 960999 | 75.112 | ng | | 97 |
| 49) Acenaphthylene | 14.186 | 152 | 4566234 | 52.081 | ng | | 100 |
| 50) Dimethylphthalate | 13.939 | 163 | 3667844 | 48.195 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.051 | 165 | 801968 | 49.365 | ng | | 94 |
| 52) Acenaphthene | 14.527 | 154 | 2732918 | 51.478 | ng | | 99 |
| 53) 3-Nitroaniline | 14.386 | 138 | 902523 | 58.523 | ng | | 98 |
| 54) 2,4-Dinitrophenol | 14.604 | 184 | 488033 | 45.802 | ng | | 90 |
| 55) Dibenzofuran | 14.868 | 168 | 4308282 | 47.248 | ng | | 98 |
| 56) 4-Nitrophenol | 14.715 | 139 | 670202 | 57.907 | ng | | 89 |
| 57) 2,4-Dinitrotoluene | 14.845 | 165 | 1089747 | 49.004 | ng | | 96 |
| 58) Fluorene | 15.515 | 166 | 3429318 | 48.137 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.098 | 232 | 880216 | 38.880 | ng | | 98 |
| 60) Diethylphthalate | 15.298 | 149 | 3786233 | 50.309 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.509 | 204 | 1639049 | 40.113 | ng | | 99 |
| 62) 4-Nitroaniline | 15.551 | 138 | 931123 | 57.868 | ng | | 91 |
| 63) Azobenzene | 15.804 | 77 | 3595144 | 67.279 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.615 | 198 | 691196 | 50.256 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 15.727 | 169 | 3056121 | 52.898 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.404 | 248 | 1033885 | 41.662 | ng | | 96 |
| 68) Hexachlorobenzene | 16.521 | 284 | 1116770 | 40.232 | ng | | 96 |
| 69) Atrazine | 16.686 | 200 | 923893 | 43.456 | ng | | 99 |
| 70) Pentachlorophenol | 16.874 | 266 | 646928 | 42.639 | ng | | 98 |
| 71) Phenanthrene | 17.256 | 178 | 5245298 | 50.618 | ng | | 100 |
| 72) Anthracene | 17.345 | 178 | 5222279 | 50.585 | ng | | 99 |
| 73) Carbazole | 17.621 | 167 | 5168444 | 53.161 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.186 | 149 | 6346817 | 52.570 | ng | | 99 |
| 75) Fluoranthene | 19.274 | 202 | 5547160 | 44.345 | ng | | 97 |
| 77) Benzidine | 19.456 | 184 | 1474838 | 49.287 | ng | | 100 |
| 78) Pyrene | 19.633 | 202 | 5675461 | 58.877 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.533 | 149 | 2669790 | 65.204 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.386 | 228 | 4820860 | 49.396 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.315 | 252 | 1121651 | 43.704 | ng | # | 99 |
| 83) Chrysene | 21.439 | 228 | 4603033 | 49.395 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.315 | 149 | 3721398 | 60.340 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.221 | 149 | 5887422 | 54.616 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 26.174 | 276 | 4719020 | 50.367 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 23.033 | 252 | 4238009 | 52.096 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 23.080 | 252 | 4116989 | 49.456 | ng | # | 97 |
| 90) Benzo(a)pyrene | 23.638 | 252 | 3503486 | 50.582 | ng | # | 96 |
| 91) Dibenzo(a,h)anthracene | 26.185 | 278 | 3903419 | 49.915 | ng | # | 97 |
| 92) Benzo(g,h,i)perylene | 26.915 | 276 | 3914371 | 51.894 | ng | # | 95 |

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

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