Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100121\
Data File : BM032303.D
Acq On : 30 Sep 2021 20:05
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
10/1/2021 11:31:45 AM

Quant Time: Oct 01 01:05:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 19:01:58 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.643 | 152 | 293669 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.436 | 136 | 1196323 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.295 | 164 | 783108 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.018 | 188 | 1661658 | 20.000 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.189 | 240 | 1595205 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.342 | 264 | 1849068 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.213 | 112 | 2394340 | 145.485 | ng | | 0.00 |
| 7) Phenol-d6 | 6.837 | 99 | 3498218 | 139.720 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.807 | 82 | 3167569 | 118.001 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.777 | 330 | 1296197 | 208.274 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.913 | 172 | 6391630 | 107.016 | ng | | 0.00 |
| 79) Terphenyl-d14 | 0.000 | 244 | 0d | 0.000 | ng | | |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.008 | 88 | 486087 | 65.258 | ng | | 90 |
| 3) Pyridine | 3.419 | 79 | 1490769 | 76.760 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.331 | 42 | 574332 | 56.653 | ng | # | 62 |
| 6) Aniline | 6.972 | 93 | 2049590 | 73.995 | ng | | 91 |
| 8) 2-Chlorophenol | 7.219 | 128 | 1376585 | 74.887 | ng | | 92 |
| 10) Phenol | 6.866 | 94 | 1708154 | 67.270 | ng | | 82 |
| 11) bis(2-Chloroethyl)ether | 7.066 | 93 | 1332960 | 69.552 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.537 | 146 | 1483917 | 65.271 | ng | # | 91 |
| 13) 1,4-Dichlorobenzene | 7.678 | 146 | 1514575 | 65.797 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.001 | 146 | 1472164 | 65.382 | ng | | 97 |
| 15) Benzyl Alcohol | 7.890 | 79 | 1292765 | 65.626 | ng | | 87 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.178 | 45 | 1701403 | 61.666 | ng | | 97 |
| 17) 2-Methylphenol | 8.107 | 107 | 1196229 | 70.359 | ng | # | 90 |
| 18) Hexachloroethane | 8.731 | 117 | 529937 | 61.165 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 8.460 | 70 | 998905 | 54.538 | ng | # | 82 |
| 20) 3+4-Methylphenols | 8.442 | 107 | 1625266 | 72.153 | ng | | 94 |
| 22) Acetophenone | 8.466 | 105 | 2060715 | 59.780 | ng | # | 87 |
| 24) Nitrobenzene | 8.842 | 77 | 1534264 | 53.631 | ng | # | 88 |
| 25) Isophorone | 9.366 | 82 | 2821811 | 56.600 | ng | | 95 |
| 26) 2-Nitrophenol | 9.554 | 139 | 791804 | 144.212 | ng | # | 73 |
| 27) 2,4-Dimethylphenol | 9.631 | 122 | 1213718 | 73.035 | ng | | 94 |
| 28) bis(2-Chloroethoxy)met... | 9.848 | 93 | 1870521 | 74.922 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.095 | 162 | 1381475 | 76.573 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.307 | 180 | 1454745 | 59.334 | ng | | 98 |
| 31) Naphthalene | 10.484 | 128 | 4371679 | 65.332 | ng | | 99 |
| 32) Benzoic acid | 9.831 | 122 | 1092219 | 189.891 | ng | # | 81 |
| 33) 4-Chloroaniline | 10.595 | 127 | 1948341 | 75.707 | ng | # | 93 |
| 34) Hexachlorobutadiene | 10.789 | 225 | 852444 | 51.801 | ng | | 98 |
| 35) Caprolactam | 11.383 | 113 | 515029 | 103.928 | ng | # | 79 |
| 36) 4-Chloro-3-methylphenol | 11.742 | 107 | 1545372 | 73.019 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.101 | 142 | 3056173m | 63.042 | ng | | |
| 38) 1-Methylnaphthalene | 12.325 | 142 | 2991058 | 65.253 | ng | # | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.483 | 216 | 1509543 | 57.613 | ng | # | 96 |
| 41) Hexachlorocyclopentadiene | 12.472 | 237 | 776684 | 96.136 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.725 | 196 | 1160076 | 109.053 | ng | | 96 |
| 44) 2,4,5-Trichlorophenol | 12.801 | 196 | 1261972 | 97.440 | ng | # | 90 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 46) 1,1'-Biphenyl | 13.119 | 154 | 3931868 | 65.820 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.160 | 162 | 3108826 | 64.170 | ng | | 98 |
| 48) 2-Nitroaniline | 13.366 | 65 | 1001599 | 81.421 | ng | # | 78 |
| 49) Acenaphthylene | 14.013 | 152 | 5000192 | 68.835 | ng | | 99 |
| 50) Dimethylphthalate | 13.748 | 163 | 4001994 | 70.379 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.860 | 165 | 892170 | 77.241 | ng | # | 63 |
| 52) Acenaphthene | 14.360 | 154 | 3271707 | 72.477 | ng | | 98 |
| 53) 3-Nitroaniline | 14.195 | 138 | 1052412 | 104.069 | ng | | 85 |
| 54) 2,4-Dinitrophenol | 14.389 | 184 | 586787 | 179.354 | ng | # | 65 |
| 55) Dibenzofuran | 14.689 | 168 | 4798433 | 63.760 | ng | | 94 |
| 56) 4-Nitrophenol | 14.519 | 139 | 906126 | 160.318 | ng | # | 65 |
| 57) 2,4-Dinitrotoluene | 14.648 | 165 | 1240175 | 87.481 | ng | # | 61 |
| 58) Fluorene | 15.336 | 166 | 3380718 | 57.175 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.924 | 232 | 1097056 | 115.889 | ng | # | 83 |
| 60) Diethylphthalate | 15.113 | 149 | 4005227 | 72.542 | ng | | 95 |
| 61) 4-Chlorophenyl-phenyle... | 15.324 | 204 | 1735953 | 54.659 | ng | | 94 |
| 62) 4-Nitroaniline | 15.366 | 138 | 1100408 | 124.049 | ng | # | 69 |
| 63) Azobenzene | 15.618 | 77 | 3810122 | 59.020 | ng | | 85 |
| 65) 4,6-Dinitro-2-methylph... | 15.419 | 198 | 819648 | 147.573 | ng | # | 72 |
| 66) n-Nitrosodiphenylamine | 15.548 | 169 | 3350773 | 61.616 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.213 | 248 | 1201279 | 61.484 | ng | | 94 |
| 68) Hexachlorobenzene | 16.354 | 284 | 1314563 | 59.502 | ng | # | 81 |
| 69) Atrazine | 16.489 | 200 | 1236790 | 74.136 | ng | | 95 |
| 70) Pentachlorophenol | 16.683 | 266 | 925542 | 127.769 | ng | | 98 |
| 71) Phenanthrene | 17.060 | 178 | 5876718 | 61.822 | ng | | 99 |
| 72) Anthracene | 17.154 | 178 | 5854174 | 62.999 | ng | | 98 |
| 73) Carbazole | 17.418 | 167 | 5963385 | 69.873 | ng | | 98 |
| 74) Di-n-butylphthalate | 17.971 | 149 | 6586224 | 74.245 | ng | # | 97 |
| 75) Fluoranthene | 19.071 | 202 | 6758358 | 63.803 | ng | | 96 |
| 77) Benzidine | 19.248 | 184 | 3143506 | 106.988 | ng | | 97 |
| 78) Pyrene | 19.430 | 202 | 6954307 | 57.223 | ng | | 96 |
| 80) Butylbenzylphthalate | 20.318 | 149 | 3196796 | 89.764 | ng | | 91 |
| 81) Benzo(a)anthracene | 21.171 | 228 | 6800203 | 63.641 | ng | | 96 |
| 82) 3,3'-Dichlorobenzidine | 21.106 | 252 | 2296458 | 78.061 | ng | | 99 |
| 83) Chrysene | 21.224 | 228 | 6429117 | 56.683 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 21.089 | 149 | 4017990 | 73.941 | ng | # | 94 |
| 85) Di-n-octyl phthalate | 21.942 | 149 | 7577255 | 82.634 | ng | # | 90 |
| 87) Indeno(1,2,3-cd)pyrene | 25.506 | 276 | 8540789 | 68.111 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 22.706 | 252 | 7125533 | 57.601 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.753 | 252 | 7188303 | 53.744 | ng | | 97 |
| 90) Benzo(a)pyrene | 23.253 | 252 | 6443019 | 56.709 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 25.512 | 278 | 6906729 | 63.882 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 26.171 | 276 | 7738805 | 72.286 | ng | # | 95 |

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

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