Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
Data File : BM029567.D
Acq On : 21 Apr 2021 12:41
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
4/22/2021 12:11:14 PM

Quant Time: Apr 21 14:32:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 13:05:45 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.651 | 152 | 83761 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.428 | 136 | 337254 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.292 | 164 | 255238 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.033 | 188 | 554168 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.221 | 240 | 646384 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.415 | 264 | 671553 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.246 | 112 | 404664 | 98.07 | ng | | 0.00 |
| 7) Phenol-d6 | 6.828 | 99 | 626731 | 101.39 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.804 | 82 | 657212 | 101.31 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.786 | 330 | 354756 | 99.61 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.910 | 172 | 1839838 | 97.91 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.668 | 244 | 3413719 | 99.68 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.175 | 88 | 78828 | 48.46 | ng | | 100 |
| 3) Pyridine | 3.581 | 79 | 217458m | 52.18 | ng | | |
| 4) n-Nitrosodimethylamine | 3.493 | 42 | 105700 | 51.49 | ng | | 99 |
| 6) Aniline | 6.987 | 93 | 341350 | 50.24 | ng | | 99 |
| 8) 2-Chlorophenol | 7.216 | 128 | 249664 | 48.69 | ng | | 99 |
| 9) Benzaldehyde | 6.798 | 77 | 144295 | 41.06 | ng | | 99 |
| 10) Phenol | 6.857 | 94 | 302227 | 50.88 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.087 | 93 | 225906 | 48.95 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.539 | 146 | 285418 | 47.79 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.687 | 146 | 293720 | 47.93 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.998 | 146 | 292692 | 48.21 | ng | | 99 |
| 15) Benzyl Alcohol | 7.892 | 79 | 232884 | 51.37 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.175 | 45 | 289880 | 48.49 | ng | | 98 |
| 17) 2-Methylphenol | 8.092 | 107 | 210738 | 50.28 | ng | | 98 |
| 18) Hexachloroethane | 8.722 | 117 | 106267 | 47.48 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.463 | 70 | 225544 | 49.69 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.428 | 107 | 289634 | 49.75 | ng | | 99 |
| 22) Acetophenone | 8.469 | 105 | 404729 | 50.08 | ng | # | 97 |
| 24) Nitrobenzene | 8.845 | 77 | 326282 | 49.58 | ng | | 100 |
| 25) Isophorone | 9.375 | 82 | 608274 | 48.97 | ng | | 99 |
| 26) 2-Nitrophenol | 9.551 | 139 | 149781 | 51.57 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.616 | 122 | 219905 | 49.47 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.851 | 93 | 300375 | 48.76 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.081 | 162 | 293258 | 49.89 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.298 | 180 | 326683 | 48.56 | ng | | 97 |
| 31) Naphthalene | 10.480 | 128 | 835371 | 48.09 | ng | | 100 |
| 32) Benzoic acid | 9.792 | 122 | 186852 | 53.56 | ng | | 96 |
| 33) 4-Chloroaniline | 10.592 | 127 | 348140 | 50.22 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.763 | 225 | 207476 | 47.93 | ng | | 96 |
| 35) Caprolactam | 11.398 | 113 | 87354 | 49.42 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 11.727 | 107 | 286731 | 49.69 | ng | | 100 |
| 37) 2-Methylnaphthalene | 12.098 | 142 | 674675 | 48.77 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.322 | 142 | 637205 | 47.89 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.474 | 216 | 376635 | 49.36 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.451 | 237 | 213786 | 51.35 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.716 | 196 | 266063 | 50.19 | ng | | 99 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.786 | 196 | 289756 | 49.58 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.121 | 154 | 910927 | 48.61 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.163 | 162 | 723623 | 48.61 | ng | 99 |
| 48) 2-Nitroaniline | 13.374 | 65 | 198415 | 53.74 | ng | 98 |
| 49) Acenaphthylene | 14.016 | 152 | 1119036 | 48.86 | ng | 99 |
| 50) Dimethylphthalate | 13.763 | 163 | 926577 | 48.02 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.874 | 165 | 210929 | 49.37 | ng | 98 |
| 52) Acenaphthene | 14.357 | 154 | 696616 | 48.78 | ng | 98 |
| 53) 3-Nitroaniline | 14.204 | 138 | 187215 | 52.89 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.416 | 184 | 127281 | 54.81 | ng | 90 |
| 55) Dibenzofuran | 14.692 | 168 | 1169620 | 48.60 | ng | 98 |
| 56) 4-Nitrophenol | 14.521 | 139 | 157963 | 51.11 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.668 | 165 | 298159 | 51.25 | ng | 96 |
| 58) Fluorene | 15.345 | 166 | 1000912 | 49.30 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.921 | 232 | 259019 | 49.31 | ng | 98 |
| 60) Diethylphthalate | 15.127 | 149 | 929829 | 48.48 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.339 | 204 | 498279 | 48.50 | ng | 94 |
| 62) 4-Nitroaniline | 15.374 | 138 | 202531 | 54.92 | ng | 99 |
| 63) Azobenzene | 15.633 | 77 | 885359 | 49.01 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.427 | 198 | 186602 | 50.05 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.557 | 169 | 849841 | 49.65 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.233 | 248 | 285615 | 48.26 | ng | 98 |
| 68) Hexachlorobenzene | 16.345 | 284 | 322539 | 48.77 | ng | 100 |
| 69) Atrazine | 16.515 | 200 | 301770 | 48.67 | ng | 98 |
| 70) Pentachlorophenol | 16.686 | 266 | 217163 | 50.52 | ng | 97 |
| 71) Phenanthrene | 17.080 | 178 | 1556925 | 49.13 | ng | 100 |
| 72) Anthracene | 17.168 | 178 | 1569589 | 50.11 | ng | 100 |
| 73) Carbazole | 17.439 | 167 | 1478899 | 50.27 | ng | 99 |
| 74) Di-n-butylphthalate | 18.009 | 149 | 1657656 | 50.63 | ng | 99 |
| 75) Fluoranthene | 19.092 | 202 | 1922873 | 49.52 | ng | 100 |
| 77) Benzidine | 19.286 | 184 | 684660 | 49.95 | ng | 99 |
| 78) Pyrene | 19.456 | 202 | 2036645 | 49.22 | ng | 99 |
| 80) Butylbenzylphthalate | 20.368 | 149 | 797064 | 50.18 | ng | 94 |
| 81) Benzo(a)anthracene | 21.203 | 228 | 2094056 | 48.93 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.139 | 252 | 684268 | 49.42 | ng | 99 |
| 83) Chrysene | 21.256 | 228 | 2049414 | 48.73 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.144 | 149 | 1299751 | 50.07 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.009 | 149 | 2138356 | 48.71 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 25.632 | 276 | 2600189 | 49.54 | ng | 100 |
| 88) Benzo(b)fluoranthene | 22.762 | 252 | 2169007 | 49.27 | ng | 99 |
| 89) Benzo(k)fluoranthene | 22.803 | 252 | 2169354 | 50.35 | ng | 99 |
| 90) Benzo(a)pyrene | 23.321 | 252 | 2020931 | 49.38 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.644 | 278 | 2256755 | 49.87 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.309 | 276 | 2045297 | 48.75 | ng | 99 |

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

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