Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029219.D
Acq On : 25 Mar 2021 12:56
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Mar 25 13:56:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 13:53:31 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.757 | 152 | 97635 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.539 | 136 | 383295 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.386 | 164 | 240140 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.127 | 188 | 476259 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.297 | 240 | 497544 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.533 | 264 | 503822 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.351 | 112 | 456943 | 81.80 | ng | | 0.00 |
| 7) Phenol-d6 | 6.928 | 99 | 670258 | 83.11 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.910 | 82 | 645907 | 82.69 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.874 | 330 | 190307 | 80.45 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.010 | 172 | 1330922 | 78.07 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.751 | 244 | 2007138 | 80.12 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.305 | 88 | 100952 | 40.13 | ng | | 98 |
| 3) Pyridine | 3.693 | 79 | 268091 | 42.23 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.610 | 42 | 122906 | 42.61 | ng | | 94 |
| 6) Aniline | 7.093 | 93 | 362425 | 41.06 | ng | | 98 |
| 8) 2-Chlorophenol | 7.328 | 128 | 256997 | 40.41 | ng | | 99 |
| 9) Benzaldehyde | 6.904 | 77 | 204320 | 39.69 | ng | | 99 |
| 10) Phenol | 6.951 | 94 | 329103 | 41.20 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.187 | 93 | 238554 | 40.74 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.651 | 146 | 283792 | 39.65 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.792 | 146 | 289442 | 40.16 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.110 | 146 | 278160 | 39.56 | ng | | 97 |
| 15) Benzyl Alcohol | 7.998 | 79 | 247812 | 40.92 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.292 | 45 | 359908 | 39.87 | ng | | 98 |
| 17) 2-Methylphenol | 8.192 | 107 | 214633 | 41.38 | ng | | 99 |
| 18) Hexachloroethane | 8.834 | 117 | 106624 | 40.27 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.563 | 70 | 226267 | 41.82 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.522 | 107 | 291111 | 41.28 | ng | | 97 |
| 22) Acetophenone | 8.575 | 105 | 385423 | 39.96 | ng | # | 98 |
| 24) Nitrobenzene | 8.951 | 77 | 333716 | 40.66 | ng | | 99 |
| 25) Isophorone | 9.475 | 82 | 569368 | 41.32 | ng | | 99 |
| 26) 2-Nitrophenol | 9.657 | 139 | 121950 | 47.53 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.716 | 122 | 214773 | 40.66 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.957 | 93 | 293253 | 40.17 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.186 | 162 | 237956 | 41.75 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.404 | 180 | 255533 | 39.26 | ng | | 98 |
| 31) Naphthalene | 10.592 | 128 | 802018 | 39.61 | ng | | 99 |
| 32) Benzoic acid | 9.839 | 122 | 136774 | 45.47 | ng | | 100 |
| 33) 4-Chloroaniline | 10.698 | 127 | 330529 | 40.82 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.881 | 225 | 148254 | 38.66 | ng | | 98 |
| 35) Caprolactam | 11.475 | 113 | 74415 | 41.91 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 11.822 | 107 | 258854 | 41.75 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.204 | 142 | 575888 | 39.76 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.427 | 142 | 543253 | 39.56 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.575 | 216 | 262343 | 39.18 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.557 | 237 | 147080 | 39.55 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 12.816 | 196 | 181352 | 41.96 | ng | | 98 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.880 | 196 | 199362 | 41.21 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.222 | 154 | 722730 | 39.28 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.263 | 162 | 568477 | 39.77 | ng | 99 |
| 48) 2-Nitroaniline | 13.463 | 65 | 182025 | 43.74 | ng | 99 |
| 49) Acenaphthylene | 14.110 | 152 | 886728 | 40.47 | ng | 99 |
| 50) Dimethylphthalate | 13.851 | 163 | 680532 | 39.76 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.963 | 165 | 152196 | 41.35 | ng | 96 |
| 52) Acenaphthene | 14.451 | 154 | 557150 | 39.70 | ng | 99 |
| 53) 3-Nitroaniline | 14.286 | 138 | 156211 | 43.43 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.492 | 184 | 76387 | 44.13 | ng | 99 |
| 55) Dibenzofuran | 14.786 | 168 | 873864 | 39.25 | ng | 99 |
| 56) 4-Nitrophenol | 14.592 | 139 | 139780 | 41.45 | ng | 91 |
| 57) 2,4-Dinitrotoluene | 14.745 | 165 | 206449 | 44.67 | ng | 98 |
| 58) Fluorene | 15.433 | 166 | 719077 | 39.78 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.010 | 232 | 163455 | 40.94 | ng | 98 |
| 60) Diethylphthalate | 15.216 | 149 | 682101 | 40.05 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.433 | 204 | 328903 | 39.08 | ng | 99 |
| 62) 4-Nitroaniline | 15.451 | 138 | 171331 | 44.45 | ng | 97 |
| 63) Azobenzene | 15.721 | 77 | 788393 | 40.94 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.510 | 198 | 111820 | 44.94 | ng | 92 |
| 66) n-Nitrosodiphenylamine | 15.645 | 169 | 619469 | 40.84 | ng | 98 |
| 67) 4-Bromophenyl-phenylether | 16.321 | 248 | 176068 | 38.45 | ng | 98 |
| 68) Hexachlorobenzene | 16.433 | 284 | 205813 | 39.77 | ng | 95 |
| 69) Atrazine | 16.598 | 200 | 206759 | 42.38 | ng | 98 |
| 70) Pentachlorophenol | 16.774 | 266 | 132292 | 42.01 | ng | 97 |
| 71) Phenanthrene | 17.168 | 178 | 1113588 | 40.25 | ng | 99 |
| 72) Anthracene | 17.257 | 178 | 1097851 | 41.05 | ng | 99 |
| 73) Carbazole | 17.527 | 167 | 1090305 | 41.29 | ng | 100 |
| 74) Di-n-butylphthalate | 18.098 | 149 | 1107022 | 43.09 | ng | 100 |
| 75) Fluoranthene | 19.180 | 202 | 1259767 | 41.06 | ng | 99 |
| 77) Benzidine | 19.362 | 184 | 582308 | 36.79 | ng | 100 |
| 78) Pyrene | 19.539 | 202 | 1343727 | 40.65 | ng | 100 |
| 80) Butylbenzylphthalate | 20.445 | 149 | 501623 | 46.77 | ng | 98 |
| 81) Benzo(a)anthracene | 21.280 | 228 | 1306649 | 40.33 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.215 | 252 | 410343 | 42.74 | ng | 99 |
| 83) Chrysene | 21.333 | 228 | 1293115 | 40.27 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.221 | 149 | 733925 | 45.69 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.097 | 149 | 1199531 | 44.22 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 25.803 | 276 | 1505123 | 40.66 | ng | 99 |
| 88) Benzo(b)fluoranthene | 22.862 | 252 | 1351322 | 41.01 | ng | 100 |
| 89) Benzo(k)fluoranthene | 22.909 | 252 | 1273673 | 39.96 | ng | 99 |
| 90) Benzo(a)pyrene | 23.439 | 252 | 1216823 | 41.11 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 25.815 | 278 | 1279615 | 40.01 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.497 | 276 | 1239926 | 40.41 | ng | 99 |

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

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