Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082521\
Data File : BM031891.D
Acq On : 25 Aug 2021 14:14
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ICVBM082521

Quant Time: Aug 25 15:26:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 25 14:16:52 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.522 | 152 | 38500 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.281 | 136 | 174467 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.163 | 164 | 123441 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.916 | 188 | 268565 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.127 | 240 | 230975 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.268 | 264 | 179083 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.157 | 112 | 178011 | 76.439 | ng | | 0.00 |
| 7) Phenol-d6 | 6.722 | 99 | 254948 | 77.374 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.675 | 82 | 299187 | 74.280 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.669 | 330 | 113204 | 77.582 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.775 | 172 | 687053 | 73.432 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.568 | 244 | 1160522 | 72.528 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.169 | 88 | 33202 | 39.724 | ng | # | 85 |
| 3) Pyridine | 3.552 | 79 | 88925 | 37.517 | ng | # | 85 |
| 4) n-Nitrosodimethylamine | 3.469 | 42 | 63503 | 39.440 | ng | # | 46 |
| 6) Aniline | 6.869 | 93 | 134798 | 38.512 | ng | | 97 |
| 8) 2-Chlorophenol | 7.093 | 128 | 101968 | 37.609 | ng | | 96 |
| 9) Benzaldehyde | 6.687 | 77 | 78033 | 42.601 | ng | | 97 |
| 10) Phenol | 6.746 | 94 | 124417 | 38.182 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.969 | 93 | 91519 | 38.502 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.410 | 146 | 113048 | 37.752 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.557 | 146 | 114495 | 37.316 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.863 | 146 | 111758 | 37.408 | ng | | 97 |
| 15) Benzyl Alcohol | 7.769 | 79 | 109134 | 38.826 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.040 | 45 | 119697 | 37.535 | ng | | 95 |
| 17) 2-Methylphenol | 7.969 | 107 | 88492 | 38.065 | ng | | 98 |
| 18) Hexachloroethane | 8.569 | 117 | 47864 | 37.658 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.334 | 70 | 98573 | 38.830 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.298 | 107 | 123634 | 38.656 | ng | | 98 |
| 22) Acetophenone | 8.346 | 105 | 175208 | 36.944 | ng | | 97 |
| 24) Nitrobenzene | 8.716 | 77 | 149692 | 36.705 | ng | | 99 |
| 25) Isophorone | 9.240 | 82 | 258910 | 37.221 | ng | | 98 |
| 26) 2-Nitrophenol | 9.410 | 139 | 63449 | 38.863 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 9.481 | 122 | 91090 | 37.072 | ng | | 96 |
| 28) bis(2-Chloroethoxy)met... | 9.716 | 93 | 126872 | 37.341 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 9.940 | 162 | 109157 | 37.827 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.145 | 180 | 118880 | 37.549 | ng | | 98 |
| 31) Naphthalene | 10.328 | 128 | 359388 | 36.862 | ng | | 99 |
| 32) Benzoic acid | 9.675 | 122 | 81285 | 38.829 | ng | | 93 |
| 33) 4-Chloroaniline | 10.457 | 127 | 147635 | 37.878 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.604 | 225 | 76114 | 36.349 | ng | | 97 |
| 35) Caprolactam | 11.281 | 113 | 34641 | 39.391 | ng | # | 83 |
| 36) 4-Chloro-3-methylphenol | 11.592 | 107 | 131321 | 38.375 | ng | | 99 |
| 37) 2-Methylnaphthalene | 11.951 | 142 | 276088 | 38.034 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.175 | 142 | 255433 | 37.202 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.328 | 216 | 134076 | 37.075 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 12.292 | 237 | 66093 | 37.483 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.581 | 196 | 97907 | 37.705 | ng | | 96 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.651 | 196 | 105705 | 37.670 | ng | 97 |
| 46) 1,1'-Biphenyl | 12.986 | 154 | 351636 | 36.807 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.022 | 162 | 275659 | 36.649 | ng | 99 |
| 48) 2-Nitroaniline | 13.251 | 65 | 99343 | 37.955 | ng | 94 |
| 49) Acenaphthylene | 13.880 | 152 | 447385 | 36.975 | ng | 100 |
| 50) Dimethylphthalate | 13.639 | 163 | 362128 | 37.007 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.763 | 165 | 82526 | 38.295 | ng | 88 |
| 52) Acenaphthene | 14.227 | 154 | 269494 | 36.584 | ng | 99 |
| 53) 3-Nitroaniline | 14.092 | 138 | 80760 | 38.527 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.310 | 184 | 50686 | 41.530 | ng | 88 |
| 55) Dibenzofuran | 14.563 | 168 | 460378 | 37.112 | ng | 99 |
| 56) 4-Nitrophenol | 14.416 | 139 | 68206 | 41.182 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 14.557 | 165 | 120489 | 39.256 | ng | 93 |
| 58) Fluorene | 15.222 | 166 | 382320 | 37.585 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.798 | 232 | 94003 | 38.372 | ng | 96 |
| 60) Diethylphthalate | 15.016 | 149 | 397064 | 37.179 | ng | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.222 | 204 | 188102 | 37.253 | ng | 97 |
| 62) 4-Nitroaniline | 15.269 | 138 | 82541 | 40.775 | ng | 96 |
| 63) Azobenzene | 15.516 | 77 | 440313 | 37.391 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.327 | 198 | 73147 | 39.543 | ng | 88 |
| 66) n-Nitrosodiphenylamine | 15.445 | 169 | 321473 | 35.914 | ng | 97 |
| 67) 4-Bromophenyl-phenylether | 16.116 | 248 | 107668 | 35.893 | ng | 96 |
| 68) Hexachlorobenzene | 16.221 | 284 | 114763 | 36.197 | ng | 94 |
| 69) Atrazine | 16.410 | 200 | 114419 | 37.919 | ng | 98 |
| 70) Pentachlorophenol | 16.574 | 266 | 76902 | 38.619 | ng | 98 |
| 71) Phenanthrene | 16.963 | 178 | 579377 | 36.641 | ng | 100 |
| 72) Anthracene | 17.051 | 178 | 571181 | 36.931 | ng | 99 |
| 73) Carbazole | 17.333 | 167 | 548311 | 37.540 | ng | 99 |
| 74) Di-n-butylphthalate | 17.904 | 149 | 711450 | 38.802 | ng | 100 |
| 75) Fluoranthene | 18.986 | 202 | 670933 | 38.853 | ng | 98 |
| 77) Benzidine | 19.192 | 184 | 250054 | 41.386 | ng | 99 |
| 78) Pyrene | 19.351 | 202 | 682389 | 35.326 | ng | 99 |
| 80) Butylbenzylphthalate | 20.274 | 149 | 315009 | 37.918 | ng | 99 |
| 81) Benzo(a)anthracene | 21.109 | 228 | 619046 | 37.261 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.056 | 252 | 185211 | 38.770 | ng | 99 |
| 83) Chrysene | 21.162 | 228 | 596151 | 37.218 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.056 | 149 | 478190 | 40.008 | ng | 98 |
| 85) Di-n-octyl phthalate | 21.915 | 149 | 709148 | 39.372 | ng | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 25.386 | 276 | 439247 | 35.447 | ng | 97 |
| 88) Benzo(b)fluoranthene | 22.639 | 252 | 529126 | 39.025 | ng | 97 |
| 89) Benzo(k)fluoranthene | 22.680 | 252 | 498753 | 38.805 | ng | 98 |
| 90) Benzo(a)pyrene | 23.180 | 252 | 444487 | 37.849 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.397 | 278 | 379959 | 35.403 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 26.033 | 276 | 349314 | 34.421 | ng | 100 |

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

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