Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029068.D
Acq On : 10 Mar 2021 13:56
Operator : CG/JU
Sample : PB135082BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PB135082BS

**Manual Integrations APPROVED**
mohammad
3/11/2021 9:26:09 AM

Quant Time: Mar 10 15:00:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 09 10:08:02 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.669 | 152 | 10110 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.463 | 136 | 37925 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.339 | 164 | 20457 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.086 | 188 | 38833 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.262 | 240 | 37790 | 20.00 | ng | | # 0.00 |
| 86) Perylene-d12 | 23.415 | 264 | 37117 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.240 | 112 | 74074 | 121.44 | ng | | 0.00 |
| 7) Phenol-d6 | 6.869 | 99 | 89904 | 111.59 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.846 | 82 | 48958 | 69.65 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.839 | 330 | 26646 | 109.90 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.951 | 172 | 103512 | 67.36 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.710 | 244 | 121313 | 59.28 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.081 | 88 | 9983 | 43.53 | ng | # | 56 |
| 3) Pyridine | 3.499 | 79 | 26397 | 43.62 | ng | # | 38 |
| 4) n-Nitrosodimethylamine | 3.417 | 42 | 18292 | 54.10 | ng | # | 44 |
| 6) Aniline | 7.005 | 93 | 24643 | 28.60 | ng | | 99 |
| 8) 2-Chlorophenol | 7.240 | 128 | 30190 | 41.67 | ng | | 95 |
| 9) Benzaldehyde | 6.816 | 77 | 8787 | 20.01 | ng | | 81 |
| 10) Phenol | 6.893 | 94 | 33482 | 41.82 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.105 | 93 | 25905 | 42.65 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 7.552 | 146 | 33397 | 42.27 | ng | # | 93 |
| 13) 1,4-Dichlorobenzene | 7.705 | 146 | 33908 | 42.31 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.016 | 146 | 32036 | 41.55 | ng | | 98 |
| 15) Benzyl Alcohol | 7.928 | 79 | 24073 | 41.79 | ng | # | 92 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.199 | 45 | 43714 | 46.74 | ng | | 69 |
| 17) 2-Methylphenol | 8.140 | 107 | 22974 | 42.26 | ng | # | 90 |
| 18) Hexachloroethane | 8.728 | 117 | 13000 | 44.65 | ng | | 91 |
| 19) n-Nitroso-di-n-propyla... | 8.487 | 70 | 19350 | 40.83 | ng | # | 53 |
| 20) 3+4-Methylphenols | 8.469 | 107 | 30282 | 41.40 | ng | | 92 |
| 22) Acetophenone | 8.504 | 105 | 41181 | 44.52 | ng | # | 84 |
| 24) Nitrobenzene | 8.887 | 77 | 30432 | 42.58 | ng | # | 87 |
| 25) Isophorone | 9.404 | 82 | 51726 | 41.82 | ng | | 96 |
| 26) 2-Nitrophenol | 9.593 | 139 | 15642 | 43.33 | ng | # | 86 |
| 27) 2,4-Dimethylphenol | 9.663 | 122 | 23735 | 43.81 | ng | | 93 |
| 28) bis(2-Chloroethoxy)met... | 9.893 | 93 | 31443 | 44.74 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.128 | 162 | 25405 | 40.99 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.328 | 180 | 28430 | 41.83 | ng | | 99 |
| 31) Naphthalene | 10.510 | 128 | 85170 | 40.73 | ng | | 100 |
| 32) Benzoic acid | 9.851 | 122 | 15928 | 41.02 | ng | # | 82 |
| 33) 4-Chloroaniline | 10.646 | 127 | 22421 | 26.68 | ng | | 93 |
| 34) Hexachlorobutadiene | 10.775 | 225 | 17362 | 42.61 | ng | | 98 |
| 35) Caprolactam | 11.451 | 113 | 7074 | 41.72 | ng | # | 56 |
| 36) 4-Chloro-3-methylphenol | 11.792 | 107 | 25023 | 40.06 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.134 | 142 | 58712 | 39.91 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.357 | 142 | 55202 | 39.62 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.510 | 216 | 28227 | 44.13 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.469 | 237 | 25561 | 104.84 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.769 | 196 | 18715 | 41.74 | ng | | 98 |

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|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 12.851 | 196 | 19456 | 40.43 | ng | | 98 |
| 46) | 1,1'-Biphenyl | 13.163 | 154 | 70719 | 43.10 | ng | | 99 |
| 47) | 2-Chloronaphthalene | 13.204 | 162 | 56081 | 41.87 | ng | | 96 |
| 48) | 2-Nitroaniline | 13.434 | 65 | 16214 | 45.01 | ng | | 92 |
| 49) | Acenaphthylene | 14.057 | 152 | 86093 | 41.86 | ng | | 99 |
| 50) | Dimethylphthalate | 13.810 | 163 | 66059 | 42.61 | ng | | 98 |
| 51) | 2,6-Dinitrotoluene | 13.939 | 165 | 14505 | 40.13 | ng | | 97 |
| 52) | Acenaphthene | 14.404 | 154 | 51260 | 40.64 | ng | | 98 |
| 53) | 3-Nitroaniline | 14.275 | 138 | 10863 | 30.84 | ng | | 83 |
| 54) | 2,4-Dinitrophenol | 14.498 | 184 | 14966 | 80.95 | ng | | 93 |
| 55) | Dibenzofuran | 14.739 | 168 | 79649 | 40.22 | ng | | 96 |
| 56) | 4-Nitrophenol | 14.610 | 139 | 20832 | 72.11 | ng | | 84 |
| 57) | 2,4-Dinitrotoluene | 14.739 | 165 | 20195 | 42.77 | ng | # | 84 |
| 58) | Fluorene | 15.392 | 166 | 64794 | 40.82 | ng | | 98 |
| 59) | 2,3,4,6-Tetrachlorophenol | 14.981 | 232 | 15891m | 41.09 | ng | | |
| 60) | Diethylphthalate | 15.175 | 149 | 66712 | 42.77 | ng | | 97 |
| 61) | 4-Chlorophenyl-phenyle... | 15.386 | 204 | 31841 | 42.04 | ng | | 93 |
| 62) | 4-Nitroaniline | 15.445 | 138 | 13525 | 39.72 | ng | | 92 |
| 63) | Azobenzene | 15.680 | 77 | 60053 | 41.73 | ng | | 85 |
| 65) | 4,6-Dinitro-2-methylph... | 15.510 | 198 | 10414 | 38.08 | ng | # | 69 |
| 66) | n-Nitrosodiphenylamine | 15.610 | 169 | 54151 | 40.76 | ng | | 99 |
| 67) | 4-Bromophenyl-phenylether | 16.280 | 248 | 17892 | 41.06 | ng | # | 91 |
| 68) | Hexachlorobenzene | 16.392 | 284 | 20376 | 41.96 | ng | | 95 |
| 69) | Atrazine | 16.563 | 200 | 15678 | 37.93 | ng | | 95 |
| 70) | Pentachlorophenol | 16.745 | 266 | 21704 | 83.56 | ng | | 94 |
| 71) | Phenanthrene | 17.127 | 178 | 93344 | 40.37 | ng | | 99 |
| 72) | Anthracene | 17.222 | 178 | 95976 | 41.90 | ng | | 99 |
| 73) | Carbazole | 17.498 | 167 | 87104 | 39.63 | ng | | 98 |
| 74) | Di-n-butylphthalate | 18.051 | 149 | 110344 | 44.16 | ng | | 99 |
| 75) | Fluoranthene | 19.145 | 202 | 106638 | 41.96 | ng | | 99 |
| 77) | Benzidine | 19.339 | 184 | 33027 | 26.52 | ng | | 99 |
| 78) | Pyrene | 19.504 | 202 | 108346 | 39.03 | ng | | 100 |
| 80) | Butylbenzylphthalate | 20.404 | 149 | 51132 | 42.78 | ng | | 95 |
| 81) | Benzo(a)anthracene | 21.245 | 228 | 104260 | 39.75 | ng | | 100 |
| 82) | 3,3'-Dichlorobenzidine | 21.186 | 252 | 29390 | 32.44 | ng | # | 96 |
| 83) | Chrysene | 21.298 | 228 | 103237 | 40.40 | ng | | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.168 | 149 | 76611 | 44.55 | ng | # | 96 |
| 85) | Di-n-octyl phthalate | 22.027 | 149 | 134305 | 46.03 | ng | # | 88 |
| 87) | Indeno(1,2,3-cd)pyrene | 25.580 | 276 | 125200 | 44.70 | ng | # | 91 |
| 88) | Benzo(b)fluoranthene | 22.774 | 252 | 108992 | 41.57 | ng | # | 97 |
| 89) | Benzo(k)fluoranthene | 22.821 | 252 | 104624 | 42.01 | ng | # | 98 |
| 90) | Benzo(a)pyrene | 23.327 | 252 | 98037 | 40.98 | ng | # | 97 |
| 91) | Dibenzo(a,h)anthracene | 25.586 | 278 | 105449 | 43.32 | ng | # | 94 |
| 92) | Benzo(g,h,i)perylene | 26.239 | 276 | 102961 | 43.81 | ng | # | 92 |

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

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