Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
Data File : BF124855.D
Acq On : 29 Jul 2021 17:14
Operator : JU/CG
Sample : M3176-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
18-B7-TP-(9.5-12)MS

**Manual Integrations APPROVED**
mohammad
7/30/2021 12:00:55 PM

Quant Time: Jul 29 18:24:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.875 | 152 | 7289 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.157 | 136 | 29346 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 9.916 | 164 | 16926 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 32063 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.051 | 240 | 21852 | 20.000 | ng | # | 0.01 |
| 86) Perylene-d12 | 15.521 | 264 | 16939 | 20.000 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.510 | 112 | 54977 | 127.706 | ng | | 0.03 |
| 7) Phenol-d6 | 6.510 | 99 | 62055 | 114.982 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 48601 | 98.569 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 23143 | 159.249 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.233 | 172 | 103322 | 89.657 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.992 | 244 | 130540 | 102.400 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.863 | 88 | 6363 | 42.284 | ng | # | 100 |
| 3) Pyridine | 3.551 | 79 | 12398 | 34.804 | ng | # | 90 |
| 4) n-Nitrosodimethylamine | 3.498 | 42 | 12523 | 44.453 | ng | # | 80 |
| 6) Aniline | 6.533 | 93 | 11861 | 21.385 | ng | # | 88 |
| 8) 2-Chlorophenol | 6.663 | 128 | 23340 | 48.069 | ng | | 92 |
| 9) Benzaldehyde | 6.428 | 77 | 9149 | 31.486 | ng | | 93 |
| 10) Phenol | 6.522 | 94 | 23102 | 44.700 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 6.610 | 93 | 23446 | 57.216 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.816 | 146 | 22768 | 43.143 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.892 | 146 | 23975 | 45.411 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.045 | 146 | 22710 | 44.520 | ng | | 95 |
| 15) Benzyl Alcohol | 7.022 | 79 | 19142 | 53.936 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151 | 45 | 35106 | 50.900 | ng | | 94 |
| 17) 2-Methylphenol | 7.128 | 107 | 17697 | 50.029 | ng | | 95 |
| 18) Hexachloroethane | 7.386 | 117 | 9910 | 49.523 | ng | | 94 |
| 19) n-Nitroso-di-n-propyla... | 7.292 | 70 | 16518 | 57.317 | ng | | 92 |
| 20) 3+4-Methylphenols | 7.281 | 107 | 23120 | 49.469 | ng | # | 77 |
| 22) Acetophenone | 7.286 | 105 | 33744 | 49.620 | ng | # | 92 |
| 24) Nitrobenzene | 7.463 | 77 | 24716 | 51.129 | ng | | 98 |
| 25) Isophorone | 7.698 | 82 | 44404 | 50.931 | ng | # | 92 |
| 26) 2-Nitrophenol | 7.775 | 139 | 13022 | 48.637 | ng | # | 90 |
| 27) 2,4-Dimethylphenol | 7.810 | 122 | 20622 | 50.056 | ng | | 93 |
| 28) bis(2-Chloroethoxy)met... | 7.904 | 93 | 28501 | 56.254 | ng | # | 96 |
| 29) 2,4-Dichlorophenol | 8.016 | 162 | 20334 | 46.603 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.098 | 180 | 21463 | 44.882 | ng | | 99 |
| 31) Naphthalene | 8.180 | 128 | 70310 | 45.910 | ng | | 97 |
| 32) Benzoic acid | 7.945 | 122 | 11327 | 35.521 | ng | | 87 |
| 33) 4-Chloroaniline | 8.222 | 127 | 5991 | 10.403 | ng | # | 87 |
| 34) Hexachlorobutadiene | 8.292 | 225 | 13544 | 47.380 | ng | | 97 |
| 35) Caprolactam | 8.622 | 113 | 5633m | 49.672 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 22983 | 55.224 | ng | | 93 |
| 37) 2-Methylnaphthalene | 8.869 | 142 | 48906 | 47.794 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.969 | 142 | 44799 | 46.213 | ng | | 95 |
| 40) 1,2,4,5-Tetrachloroben... | 9.039 | 216 | 22077 | 46.748 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 9.022 | 237 | 23273 | 83.295 | ng | | 94 |
| 43) 2,4,6-Trichlorophenol | 9.151 | 196 | 16020 | 47.785 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 16856 | 48.967 | ng | | 96 |
| 46) 1,1'-Biphenyl | 9.339 | 154 | 58831 | 46.564 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.363 | 162 | 47189 | 47.181 | ng | | 97 |
| 48) 2-Nitroaniline | 9.463 | 65 | 14346 | 54.778 | ng | | 96 |
| 49) Acenaphthylene | 9.780 | 152 | 73392 | 47.583 | ng | | 99 |
| 50) Dimethylphthalate | 9.645 | 163 | 62089 | 53.274 | ng | # | 97 |
| 51) 2,6-Dinitrotoluene | 9.704 | 165 | 12841 | 49.872 | ng | | 89 |
| 52) Acenaphthene | 9.951 | 154 | 45117 | 44.125 | ng | | 97 |
| 53) 3-Nitroaniline | 9.874 | 138 | 7995 | 29.515 | ng | | 93 |
| 54) 2,4-Dinitrophenol | 9.980 | 184 | 10757 | 72.249 | ng | | 91 |
| 55) Dibenzofuran | 10.127 | 168 | 69622 | 47.651 | ng | | 98 |
| 56) 4-Nitrophenol | 10.039 | 139 | 19034 | 88.981 | ng | | 88 |
| 57) 2,4-Dinitrotoluene | 10.110 | 165 | 17554 | 50.239 | ng | # | 95 |
| 58) Fluorene | 10.469 | 166 | 54736 | 48.835 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.239 | 232 | 13926 | 51.225 | ng | # | 96 |
| 60) Diethylphthalate | 10.339 | 149 | 66333 | 54.733 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.457 | 204 | 27624 | 50.983 | ng | | 96 |
| 62) 4-Nitroaniline | 10.492 | 138 | 12808 | 47.785 | ng | | 94 |
| 63) Azobenzene | 10.616 | 77 | 57367 | 53.504 | ng | | 93 |
| 65) 4,6-Dinitro-2-methylph... | 10.521 | 198 | 8071 | 38.869 | ng | | 89 |
| 66) n-Nitrosodiphenylamine | 10.580 | 169 | 48257 | 46.444 | ng | | 96 |
| 67) 4-Bromophenyl-phenylether | 10.945 | 248 | 17442 | 51.293 | ng | # | 88 |
| 68) Hexachlorobenzene | 11.016 | 284 | 18873 | 53.441 | ng | # | 88 |
| 69) Atrazine | 11.110 | 200 | 17075 | 54.051 | ng | | 94 |
| 70) Pentachlorophenol | 11.210 | 266 | 19379 | 88.245 | ng | | 91 |
| 71) Phenanthrene | 11.433 | 178 | 82529 | 47.857 | ng | | 99 |
| 72) Anthracene | 11.486 | 178 | 84307 | 48.902 | ng | | 99 |
| 73) Carbazole | 11.639 | 167 | 74061 | 45.829 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.963 | 149 | 114110 | 53.013 | ng | | 99 |
| 75) Fluoranthene | 12.621 | 202 | 84451 | 47.989 | ng | | 96 |
| 77) Benzidine | 12.733 | 184 | 14848 | 24.096 | ng | | 98 |
| 78) Pyrene | 12.851 | 202 | 85122 | 49.205 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.462 | 149 | 44707 | 53.956 | ng | | 98 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 66166 | 46.322 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 13409 | 33.826 | ng | | 98 |
| 83) Chrysene | 14.074 | 228 | 62145 | 45.159 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.015 | 149 | 69642 | 57.061 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.633 | 149 | 105238 | 53.137 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 17.015 | 276 | 52046 | 53.220 | ng | | 94 |
| 88) Benzo(b)fluoranthene | 15.092 | 252 | 53654m | 44.988 | ng | | |
| 89) Benzo(k)fluoranthene | 15.121 | 252 | 50834 | 46.649 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.462 | 252 | 48527 | 48.709 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 17.033 | 278 | 45165 | 52.756 | ng | | 94 |
| 92) Benzo(g,h,i)perylene | 17.468 | 276 | 42323 | 52.133 | ng | # | 88 |

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

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