Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043021\
Data File : BF123772.D
Acq On : 30 Apr 2021 15:58
Operator : JU/CG
Sample : M1458-08
Misc : LOQ-WATER-5PPM
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
LOQ-WATER-02-QT1-2021

**Manual Integrations APPROVED**
mohammad
5/3/2021 10:50:01 AM

Quant Time: Apr 30 16:19:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 14:46:08 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.810 | 152 | 255520 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.092 | 136 | 918783 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.845 | 164 | 459683 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.333 | 188 | 885971 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.974 | 240 | 701747 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.433 | 264 | 519263 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.422 | 112 | 1641842 | 101.80 | ng | | 0.00 |
| 7) Phenol-d6 | 6.445 | 99 | 2205696 | 99.28 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.369 | 82 | 1396430 | 68.61 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.639 | 330 | 596395 | 104.22 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.169 | 172 | 2113230 | 66.95 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.927 | 244 | 2382516 | 65.38 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.510 | 88 | 34328 | 3.95 | ng | | 96 |
| 3) Pyridine | 3.316 | 79 | 74891m | 3.53 | ng | | |
| 4) n-Nitrosodimethylamine | 3.181 | 42 | 43668 | 3.73 | ng | # | 95 |
| 6) Aniline | 6.469 | 93 | 121422 | 4.73 | ng | | 99 |
| 8) 2-Chlorophenol | 6.592 | 128 | 75206 | 4.33 | ng | | 97 |
| 9) Benzaldehyde | 6.357 | 77 | 71392 | 6.64 | ng | | 96 |
| 10) Phenol | 6.457 | 94 | 101005 | 4.23 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 6.545 | 93 | 77293 | 4.44 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.745 | 146 | 78212 | 4.46 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.822 | 146 | 79054 | 4.46 | ng | | 92 |
| 14) 1,2-Dichlorobenzene | 6.981 | 146 | 73738 | 4.28 | ng | | 98 |
| 15) Benzyl Alcohol | 6.945 | 79 | 89747 | 5.15 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.087 | 45 | 167976 | 4.53 | ng | | 99 |
| 17) 2-Methylphenol | 7.057 | 107 | 61777 | 4.18 | ng | | 96 |
| 18) Hexachloroethane | 7.322 | 117 | 31185 | 4.44 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.216 | 70 | 58220 | 4.24 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.216 | 107 | 79866 | 4.25 | ng | # | 84 |
| 22) Acetophenone | 7.210 | 105 | 119833 | 4.80 | ng | # | 97 |
| 24) Nitrobenzene | 7.387 | 77 | 94188 | 4.44 | ng | | 98 |
| 25) Isophorone | 7.622 | 82 | 149782 | 3.92 | ng | | 98 |
| 26) 2-Nitrophenol | 7.704 | 139 | 34408 | 3.98 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.745 | 122 | 65694 | 4.83 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.839 | 93 | 90569 | 4.66 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 7.951 | 162 | 55175 | 4.12 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 8.034 | 180 | 61452 | 4.38 | ng | | 96 |
| 31) Naphthalene | 8.116 | 128 | 216321 | 4.57 | ng | | 99 |
| 32) Benzoic acid | 7.834 | 122 | 11156m | 1.30 | ng | | |
| 33) 4-Chloroaniline | 8.163 | 127 | 89485 | 4.53 | ng | | 94 |
| 34) Hexachlorobutadiene | 8.234 | 225 | 37422 | 4.37 | ng | | 97 |
| 35) Caprolactam | 8.481 | 113 | 16937 | 3.60 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.639 | 107 | 67269 | 4.03 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.804 | 142 | 141475 | 4.59 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.904 | 142 | 127779 | 4.41 | ng | | 96 |
| 40) 1,2,4,5-Tetrachloroben... | 8.969 | 216 | 62755 | 4.64 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 8.963 | 237 | 15208 | 2.83 | ng | | 90 |
| 43) 2,4,6-Trichlorophenol | 9.081 | 196 | 34527 | 3.71 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.122 | 196 | 35233 | 3.52 | ng | | 96 |
| 46) 1,1'-Biphenyl | 9.269 | 154 | 179062 | 4.75 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.292 | 162 | 125607 | 4.42 | ng | | 97 |
| 48) 2-Nitroaniline | 9.386 | 65 | 49365 | 3.95 | ng | | 95 |
| 49) Acenaphthylene | 9.704 | 152 | 203341 | 4.44 | ng | | 98 |
| 50) Dimethylphthalate | 9.563 | 163 | 140117 | 4.33 | ng | # | 98 |
| 51) 2,6-Dinitrotoluene | 9.622 | 165 | 29209 | 3.90 | ng | | 92 |
| 52) Acenaphthene | 9.880 | 154 | 124337 | 4.45 | ng | | 97 |
| 53) 3-Nitroaniline | 9.792 | 138 | 34954 | 3.91 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 9.904 | 184 | 4515 | 1.14 | ng | # | 78 |
| 55) Dibenzofuran | 10.051 | 168 | 187574 | 4.44 | ng | | 92 |
| 56) 4-Nitrophenol | 9.957 | 139 | 21645 | 3.32 | ng | | 91 |
| 57) 2,4-Dinitrotoluene | 10.028 | 165 | 39012 | 3.82 | ng | # | 90 |
| 58) Fluorene | 10.392 | 166 | 145825 | 4.49 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.169 | 232 | 28375 | 3.58 | ng | | 99 |
| 60) Diethylphthalate | 10.263 | 149 | 153925 | 4.47 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.386 | 204 | 68634 | 4.54 | ng | | 96 |
| 62) 4-Nitroaniline | 10.398 | 138 | 33699 | 3.80 | ng | | 97 |
| 63) Azobenzene | 10.545 | 77 | 164937 | 4.16 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 10.439 | 198 | 13286 | 2.42 | ng | | 83 |
| 66) n-Nitrosodiphenylamine | 10.504 | 169 | 126682 | 4.37 | ng | | 96 |
| 67) 4-Bromophenyl-phenylether | 10.875 | 248 | 41661 | 4.47 | ng | | 98 |
| 68) Hexachlorobenzene | 10.945 | 284 | 45262 | 4.26 | ng | | 93 |
| 69) Atrazine | 11.027 | 200 | 38015 | 4.34 | ng | | 99 |
| 70) Pentachlorophenol | 11.139 | 266 | 12076 | 2.23 | ng | | 93 |
| 71) Phenanthrene | 11.357 | 178 | 210853 | 4.54 | ng | | 99 |
| 72) Anthracene | 11.410 | 178 | 210281 | 4.55 | ng | | 98 |
| 73) Carbazole | 11.563 | 167 | 197761 | 4.23 | ng | | 97 |
| 74) Di-n-butylphthalate | 11.898 | 149 | 226254 | 4.32 | ng | | 98 |
| 75) Fluoranthene | 12.545 | 202 | 215677 | 4.26 | ng | | 99 |
| 77) Benzidine | 12.669 | 184 | 117446 | 6.46 | ng | | 99 |
| 78) Pyrene | 12.774 | 202 | 223667 | 4.11 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.398 | 149 | 82871 | 3.56 | ng | | 93 |
| 81) Benzo(a)anthracene | 13.963 | 228 | 180403 | 4.24 | ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 13.927 | 252 | 56962 | 4.36 | ng | | 97 |
| 83) Chrysene | 13.998 | 228 | 183584 | 4.29 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149 | 106942 | 3.70 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.574 | 149 | 149392 | 3.23 | ng | # | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.868 | 276 | 118896 | 3.93 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.004 | 252 | 145624m | 4.16 | ng | | |
| 89) Benzo(k)fluoranthene | 15.033 | 252 | 135008 | 4.04 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.368 | 252 | 123116 | 4.11 | ng | # | 96 |
| 91) Dibenzo(a,h)anthracene | 16.886 | 278 | 98459 | 3.86 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 17.304 | 276 | 99626 | 3.90 | ng | | 97 |

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

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