Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061520\
Data File : BP002411.D
Acq On : 15 Jun 2020 16:59
Operator : CG/JU
Sample : L2182-08
Misc : LOQ-WTR-10PPM
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** LOQ-WATER-02-QT2-2020

**Manual Integrations APPROVED**
mohammad
6/16/2020 11:07:27 AM

Quant Time: Jun 15 17:38:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 17:29:37 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 165364 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.36 | 136 | 661439 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.24 | 164 | 408992 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.00 | 188 | 870840 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.10 | 240 | 821162 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.31 | 264 | 914966 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.20 | 112 | 1442693 | 161.44 | ng | 0.00 |
| 7) Phenol-d6 | 6.78 | 99 | 1972002 | 165.74 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.74 | 82 | 1363026 | 123.06 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.75 | 330 | 682250 | 174.23 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.86 | 172 | 2730139 | 112.24 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.59 | 244 | 3708798 | 118.34 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.16 | 88 | 44443 | 10.796 | ng | 99 |
| 3) Pyridine | 3.55 | 79 | 106608 | 9.528 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.46 | 42 | 46359 | 10.055 | ng | 100 |
| 6) Aniline | 6.92 | 93 | 172713 | 10.674 | ng | 99 |
| 8) 2-Chlorophenol | 7.16 | 128 | 102419 | 10.193 | ng | 97 |
| 9) Benzaldehyde | 6.73 | 77 | 100421 | 16.519 | ng | 96 |
| 10) Phenol | 6.80 | 94 | 137328 | 10.642 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 7.03 | 93 | 112573 | 10.449 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.48 | 146 | 117254 | 10.134 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.63 | 146 | 119393 | 10.256 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.94 | 146 | 113210 | 10.152 | ng | 100 |
| 15) Benzyl Alcohol | 7.83 | 79 | 87589 | 9.498 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.13 | 45 | 156545 | 10.240 | ng | 99 |
| 17) 2-Methylphenol | 8.04 | 107 | 87973 | 9.330 | ng | 99 |
| 18) Hexachloroethane | 8.66 | 117 | 43420 | 10.238 | ng | 93 |
| 19) n-Nitroso-di-n-propylamine | 8.39 | 70 | 85908 | 10.802 | ng | 97 |
| 20) 3+4-Methylphenols | 8.37 | 107 | 118999 | 9.351 | ng | 98 |
| 22) Acetophenone | 8.40 | 105 | 172526 | 11.610 | ng | 99 |
| 24) Nitrobenzene | 8.78 | 77 | 136313 | 11.449 | ng | 95 |
| 25) Isophorone | 9.30 | 82 | 239356 | 10.611 | ng | 99 |
| 26) 2-Nitrophenol | 9.49 | 139 | 51788 | 9.761 | ng | 97 |
| 27) 2,4-Dimethylphenol | 9.56 | 122 | 78224 | 9.399 | ng | 99 |
| 28) bis(2-Chloroethoxy)methane | 9.79 | 93 | 153080 | 11.393 | ng | 98 |
| 29) 2,4-Dichlorophenol | 10.02 | 162 | 93796 | 10.011 | ng | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.23 | 180 | 107841 | 10.326 | ng | 99 |
| 31) Naphthalene | 10.42 | 128 | 344068 | 11.197 | ng | 99 |
| 32) Benzoic acid | 9.65 | 122 | 28654m | 4.525 | ng | |
| 33) 4-Chloroaniline | 10.53 | 127 | 140032 | 10.438 | ng | 99 |
| 34) Hexachlorobutadiene | 10.72 | 225 | 60249 | 9.886 | ng | 94 |
| 35) Caprolactam | 11.26 | 113 | 34135 | 10.330 | ng | 94 |
| 36) 4-Chloro-3-methylphenol | 11.67 | 107 | 102319 | 10.093 | ng | 97 |
| 37) 2-Methylnaphthalene | 12.04 | 142 | 245953 | 11.277 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.26 | 142 | 232196 | 11.342 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.42 | 216 | 124621 | 11.559 | ng | 100 |

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|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.40 | 237 | 47188 | 8.233 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.66 | 196 | 73484 | 9.631 | ng | 95 |
| 44) 2,4,5-Trichlorophenol | 12.73 | 196 | 80016 | 9.056 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.07 | 154 | 326740 | 12.190 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.10 | 162 | 232565 | 10.607 | ng | 98 |
| 48) 2-Nitroaniline | 13.31 | 65 | 64819 | 9.261 | ng | 96 |
| 49) Acenaphthylene | 13.96 | 152 | 381653 | 10.906 | ng | 98 |
| 50) Dimethylphthalate | 13.70 | 163 | 295547 | 10.546 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.82 | 165 | 62020 | 10.191 | ng | 99 |
| 52) Acenaphthene | 14.30 | 154 | 226821 | 11.064 | ng | 98 |
| 53) 3-Nitroaniline | 14.15 | 138 | 61098 | 8.792 | ng | 98 |
| 54) 2,4-Dinitrophenol | 14.36 | 184 | 20103 | 6.022 | ng | 97 |
| 55) Dibenzofuran | 14.65 | 168 | 372467 | 11.285 | ng | 98 |
| 56) 4-Nitrophenol | 14.47 | 139 | 46125 | 8.359 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.61 | 165 | 78288 | 9.450 | ng | 95 |
| 58) Fluorene | 15.30 | 166 | 294724 | 11.352 | ng | 95 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.87 | 232 | 70873 | 10.105 | ng | 99 |
| 60) Diethylphthalate | 15.09 | 149 | 293476 | 10.452 | ng | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.30 | 204 | 145753 | 11.582 | ng | 98 |
| 62) 4-Nitroaniline | 15.31 | 138 | 61912 | 9.272 | ng | 96 |
| 63) Azobenzene | 15.59 | 77 | 319355 | 11.426 | ng | 95 |
| 65) 4,6-Dinitro-2-methylphenol | 15.38 | 198 | 39082 | 8.505 | ng | 96 |
| 66) n-Nitrosodiphenylamine | 15.52 | 169 | 260797 | 11.723 | ng | 97 |
| 67) 4-Bromophenyl-phenylether | 16.20 | 248 | 83095 | 10.073 | ng | 97 |
| 68) Hexachlorobenzene | 16.32 | 284 | 94775 | 10.827 | ng | 96 |
| 69) Atrazine | 16.47 | 200 | 90428 | 12.461 | ng | 100 |
| 70) Pentachlorophenol | 16.66 | 266 | 44730 | 8.541 | ng | 97 |
| 71) Phenanthrene | 17.04 | 178 | 473312 | 11.619 | ng | 98 |
| 72) Anthracene | 17.13 | 178 | 464714 | 11.484 | ng | 98 |
| 73) Carbazole | 17.40 | 167 | 428938 | 10.775 | ng | 100 |
| 74) Di-n-butylphthalate | 17.99 | 149 | 484257 | 10.279 | ng | 97 |
| 75) Fluoranthene | 19.03 | 202 | 538840 | 11.082 | ng | 99 |
| 77) Benzidine | 19.21 | 184 | 257564 | 14.037 | ng | 97 |
| 78) Pyrene | 19.37 | 202 | 581319 | 11.557 | ng | 98 |
| 80) Butylbenzylphthalate | 20.27 | 149 | 199256 | 8.912 | ng | 99 |
| 81) Benzo(a)anthracene | 21.09 | 228 | 541183 | 11.546 | ng | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.03 | 252 | 202451 | 11.622 | ng | 99 |
| 83) Chrysene | 21.14 | 228 | 530495 | 11.946 | ng | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.04 | 149 | 327540 | 10.071 | ng | 99 |
| 85) Di-n-octyl phthalate | 21.92 | 149 | 536900 | 9.412 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 25.52 | 276 | 606304 | 10.594 | ng | 98 |
| 88) Benzo(b)fluoranthene | 22.64 | 252 | 530820 | 10.758 | ng | 97 |
| 89) Benzo(k)fluoranthene | 22.69 | 252 | 535431 | 11.421 | ng | 99 |
| 90) Benzo(a)pyrene | 23.21 | 252 | 479176 | 10.363 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 25.53 | 278 | 509124 | 11.091 | ng | 96 |
| 92) Benzo(g,h,i)perylene | 26.19 | 276 | 499942 | 10.515 | ng | 99 |

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

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