Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042821\
Data File : BN014478.D
Acq On : 28 Apr 2021 19:30
Operator : CG/JU
Sample : M1458-08
Misc : LOQ--WTR-0.1PPM
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Apr 29 02:07:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 19:23:29 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.668 | 152 | 4979 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.442 | 136 | 16449 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.308 | 164 | 7378 | 0.40 | ng | # | 0.00 |
| 19) Phenanthrene-d10 | 17.043 | 188 | 14291 | 0.40 | ng | # | -0.01 |
| 29) Chrysene-d12 | 21.250 | 240 | 11685 | 0.40 | ng | | 0.00 |
| 35) Perylene-d12 | 23.465 | 264 | 10947 | 0.40 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.276 | 112 | 3871 | 0.41 | ng | | 0.00 |
| 5) Phenol-d6 | 6.839 | 99 | 4563 | 0.39 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.819 | 82 | 5121 | 0.47 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.040 | 152 | 9391 | 0.38 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.793 | 330 | 721 | 0.30 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.925 | 172 | 12295 | 0.44 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.089 | 212 | 14156 | 0.36 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.690 | 244 | 10580 | 0.45 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.239 | 88 | 493 | 0.09 | ng | # | 78 |
| 3) n-Nitrosodimethylamine | 3.601 | 42 | 39 | 0.01 | ng | # | 1 |
| 6) bis(2-Chloroethyl)ether | 7.104 | 93 | 1421 | 0.12 | ng | | 94 |
| 9) Naphthalene | 10.492 | 128 | 4901 | 0.12 | ng | | 97 |
| 10) Hexachlorobutadiene | 10.784 | 225 | 1060 | 0.13 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.115 | 142 | 2919 | 0.11 | ng | | 95 |
| 16) Acenaphthylene | 14.016 | 152 | 3751 | 0.13 | ng | | 99 |
| 17) Acenaphthene | 14.359 | 154 | 2269 | 0.11 | ng | # | 91 |
| 18) Fluorene | 15.361 | 166 | 2808 | 0.11 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.437 | 198 | 82 | 0.21 | ng | # | 1 |
| 21) 4-Bromophenyl-phenylether | 16.252 | 248 | 889 | 0.12 | ng | | 98 |
| 22) Hexachlorobenzene | 16.362 | 284 | 1491 | 0.15 | ng | | 97 |
| 23) Atrazine | 16.520 | 200 | 415 | 0.09 | ng | # | 88 |
| 24) Pentachlorophenol | 16.715 | 266 | 125 | 0.29 | ng | | 92 |
| 25) Phenanthrene | 17.092 | 178 | 4563 | 0.12 | ng | | 100 |
| 26) Anthracene | 17.177 | 178 | 3276 | 0.10 | ng | | 98 |
| 28) Fluoranthene | 19.114 | 202 | 4532 | 0.10 | ng | | 98 |
| 30) Pyrene | 19.481 | 202 | 4241 | 0.12 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.229 | 228 | 3527 | 0.11 | ng | | 96 |
| 33) Chrysene | 21.282 | 228 | 4374 | 0.12 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.176 | 149 | 1802 | 0.13 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.693 | 276 | 4988 | 0.12 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.801 | 252 | 4463 | 0.11 | ng | # | 81 |
| 38) Benzo(k)fluoranthene | 22.846 | 252 | 4635 | 0.12 | ng | # | 78 |
| 39) Benzo(a)pyrene | 23.369 | 252 | 3881 | 0.11 | ng | # | 75 |
| 40) Dibenzo(a,h)anthracene | 25.704 | 278 | 3975 | 0.11 | ng | # | 85 |
| 41) Benzo(g,h,i)perylene | 26.368 | 276 | 4969 | 0.13 | ng | | 93 |

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

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