Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
Data File : BN018997.D
Acq On : 17 Mar 2022 16:42
Operator : CG/JU
Sample : N1645-08
Misc : LOQ-WATER 0.1ng
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
LOQ-WATER-02-QT1-2022

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

Quant Time: Mar 18 12:10:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 12:09:56 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.854 | 152 | 4841 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.658 | 136 | 12912 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.495 | 164 | 8352 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.236 | 188 | 17215 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.422 | 240 | 11285 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.796 | 264 | 7979 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.406 | 112 | 4429 | 0.408 | ng | | 0.00 |
| 5) Phenol-d6 | 7.017 | 99 | 3972 | 0.349 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.014 | 82 | 2965 | 0.318 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.253 | 152 | 7622 | 0.356 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.984 | 330 | 1185 | 0.294 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.127 | 172 | 11801 | 0.352 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.265 | 212 | 18190 | 0.356 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.864 | 244 | 11169 | 0.403 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.247 | 88 | 633 | 0.106 | ng | # | 93 |
| 3) n-Nitrosodimethylamine | 3.579 | 42 | 777 | 0.111 | ng | # | 82 |
| 6) bis(2-Chloroethyl)ether | 7.277 | 93 | 1346 | 0.099 | ng | | 98 |
| 9) Naphthalene | 10.712 | 128 | 3776 | 0.103 | ng | # | 94 |
| 10) Hexachlorobutadiene | 11.011 | 225 | 924 | 0.103 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.325 | 142 | 2436 | 0.098 | ng | | 96 |
| 16) Acenaphthylene | 14.217 | 152 | 3371 | 0.087 | ng | | 98 |
| 17) Acenaphthene | 14.559 | 154 | 2543 | 0.094 | ng | | 98 |
| 18) Fluorene | 15.543 | 166 | 3012 | 0.088 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.639 | 198 | 114 | 0.054 | ng | # | 1 |
| 21) 4-Bromophenyl-phenylether | 16.426 | 248 | 884 | 0.081 | ng | # | 78 |
| 22) Hexachlorobenzene | 16.549 | 284 | 1434 | 0.102 | ng | | 99 |
| 23) Atrazine | 16.692 | 200 | 723 | 0.089 | ng | | 93 |
| 24) Pentachlorophenol | 16.897 | 266 | 267 | 0.062 | ng | | 97 |
| 25) Phenanthrene | 17.277 | 178 | 4766 | 0.089 | ng | | 99 |
| 26) Anthracene | 17.369 | 178 | 3459 | 0.076 | ng | | 97 |
| 28) Fluoranthene | 19.299 | 202 | 5989 | 0.095 | ng | | 98 |
| 30) Pyrene | 19.657 | 202 | 5956 | 0.106 | ng | | 98 |
| 32) Benzo(a)anthracene | 21.404 | 228 | 2626 | 0.076 | ng | | 94 |
| 33) Chrysene | 21.458 | 228 | 4779 | 0.102 | ng | | 96 |
| 34) Bis(2-ethylhexyl)phtha... | 21.333 | 149 | 2198 | 0.095 | ng | # | 96 |
| 36) Indeno(1,2,3-cd)pyrene | 26.264 | 276 | 2800m | 0.097 | ng | | |
| 37) Benzo(b)fluoranthene | 23.074 | 252 | 2638 | 0.091 | ng | # | 54 |
| 38) Benzo(k)fluoranthene | 23.121 | 252 | 3919m | 0.098 | ng | | |
| 39) Benzo(a)pyrene | 23.694 | 252 | 2682m | 0.101 | ng | | |
| 40) Dibenzo(a,h)anthracene | 26.281 | 278 | 2137m | 0.095 | ng | | |
| 41) Benzo(g,h,i)perylene | 27.001 | 276 | 2796m | 0.099 | ng | | |

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

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