Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121022\
Data File : BN023120.D
Acq On : 10 Dec 2022 13:32
Operator : CG/JU
Sample : N4955-09
Misc : MDL-MDL-WATER 0.1ng
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-WATER-03-QT4-2022

Quant Time: Dec 12 05:28:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:27:14 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.020 | 152 | 9471 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.840 | 136 | 27183 | 0.400 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.655 | 164 | 13724 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.402 | 188 | 29926 | 0.400 | ng | | # 0.00 |
| 29) Chrysene-d12 | 21.589 | 240 | 22753 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 24.050 | 264 | 18700 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.550 | 112 | 4859 | 0.275 | ng | | 0.00 |
| 5) Phenol-d6 | 7.168 | 99 | 5935 | 0.265 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.185 | 82 | 4882 | 0.273 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.423 | 152 | 19849 | 0.431 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.148 | 330 | 1201 | 0.241 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.287 | 172 | 16132 | 0.294 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.435 | 212 | 31171 | 0.445 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.031 | 244 | 11208 | 0.303 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.398 | 88 | 1130 | 0.121 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 3.745 | 42 | 826 | 0.090 | ng | # | 94 |
| 6) bis(2-Chloroethyl)ether | 7.435 | 93 | 2799 | 0.110 | ng | | 99 |
| 9) Naphthalene | 10.882 | 128 | 7190 | 0.104 | ng | | 98 |
| 10) Hexachlorobutadiene | 11.181 | 225 | 1435 | 0.109 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.113 | 142 | 934 | 0.091 | ng | # | 82 |
| 16) Acenaphthylene | 14.377 | 152 | 5209 | 0.094 | ng | | 99 |
| 17) Acenaphthene | 14.720 | 154 | 3991 | 0.098 | ng | | 97 |
| 18) Fluorene | 15.703 | 166 | 4379 | 0.096 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.776 | 198 | 259 | 0.061 | ng | # | 22 |
| 21) 4-Bromophenyl-phenylether | 16.595 | 248 | 1601 | 0.100 | ng | | 89 |
| 22) Hexachlorobenzene | 16.707 | 284 | 2218 | 0.106 | ng | | 99 |
| 23) Atrazine | 16.856 | 200 | 973 | 0.086 | ng | # | 90 |
| 24) Pentachlorophenol | 17.054 | 266 | 525 | 0.072 | ng | | 97 |
| 25) Phenanthrene | 17.451 | 178 | 8647 | 0.097 | ng | | 99 |
| 26) Anthracene | 17.538 | 178 | 6586 | 0.093 | ng | | 100 |
| 28) Fluoranthene | 19.464 | 202 | 9231 | 0.097 | ng | | 98 |
| 30) Pyrene | 19.827 | 202 | 8613 | 0.103 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.571 | 228 | 6687 | 0.091 | ng | | 97 |
| 33) Chrysene | 21.625 | 228 | 8649 | 0.105 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.500 | 149 | 4777 | 0.154 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.620 | 276 | 7890 | 0.094 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 23.299 | 252 | 8062 | 0.104 | ng | # | 83 |
| 38) Benzo(k)fluoranthene | 23.346 | 252 | 7531 | 0.096 | ng | # | 87 |
| 39) Benzo(a)pyrene | 23.945 | 252 | 6796 | 0.117 | ng | # | 70 |
| 40) Dibenzo(a,h)anthracene | 26.643 | 278 | 6132 | 0.091 | ng | # | 92 |
| 41) Benzo(g,h,i)perylene | 27.412 | 276 | 6460 | 0.090 | ng | | 94 |

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

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Misc : MDL-MDL-WATER 0.1ng
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