Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091222\
Data File : BN021718.D
Acq On : 12 Sep 2022 16:02
Operator : CG/JU
Sample : N4508-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
MW-05-3-13-090122MSD

Quant Time: Sep 13 03:13:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 02:32:27 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.061 | 152 | 4477 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.887 | 136 | 14187 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.718 | 164 | 8233 | 0.400 | ng | 0.01 |
| 19) Phenanthrene-d10 | 17.459 | 188 | 16331 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.655 | 240 | 9793 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 24.167 | 264 | 7625 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.591 | 112 | 1708 | 0.195 | ng | 0.00 |
| 5) Phenol-d6 | 7.216 | 99 | 1329 | 0.119 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.232 | 82 | 3524 | 0.368 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.478 | 152 | 10782 | 0.337 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.208 | 330 | 1026 | 0.380 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.339 | 172 | 12519 | 0.348 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.493 | 212 | 15612 | 0.372 | ng | 0.00 |
| 31) Terphenyl-d14 | 20.088 | 244 | 9782 | 0.444 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.403 | 88 | 1931 | 0.345 | ng | # 77 |
| 3) n-Nitrosodimethylamine | 3.735 | 42 | 1059 | 0.210 | ng | # 76 |
| 6) bis(2-Chloroethyl)ether | 7.476 | 93 | 4753 | 0.338 | ng | 96 |
| 9) Naphthalene | 10.941 | 128 | 14149 | 0.337 | ng | 100 |
| 10) Hexachlorobutadiene | 11.218 | 225 | 2052 | 0.282 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.183 | 142 | 2365 | 0.465 | ng | 98 |
| 16) Acenaphthylene | 14.440 | 152 | 12545 | 0.324 | ng | 100 |
| 17) Acenaphthene | 14.771 | 154 | 8868 | 0.326 | ng | 99 |
| 18) Fluorene | 15.765 | 166 | 11595 | 0.346 | ng | 99 |
| 21) 4-Bromophenyl-phenylether | 16.649 | 248 | 3666 | 0.359 | ng | # 88 |
| 22) Hexachlorobenzene | 16.762 | 284 | 4178 | 0.334 | ng | 97 |
| 23) Atrazine | 16.916 | 200 | 2659 | 0.446 | ng | 97 |
| 24) Pentachlorophenol | 17.111 | 266 | 2153 | 0.777 | ng | 98 |
| 25) Phenanthrene | 17.500 | 178 | 19987 | 0.355 | ng | 100 |
| 26) Anthracene | 17.593 | 178 | 16537 | 0.369 | ng | 99 |
| 28) Fluoranthene | 19.522 | 202 | 20188 | 0.345 | ng | 100 |
| 30) Pyrene | 19.885 | 202 | 21846 | 0.419 | ng | 97 |
| 32) Benzo(a)anthracene | 21.637 | 228 | 13721 | 0.402 | ng | 100 |
| 33) Chrysene | 21.691 | 228 | 14698 | 0.362 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.548 | 149 | 9291 | 0.676 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.813 | 276 | 12731 | 0.370 | ng | 100 |
| 37) Benzo(b)fluoranthene | 23.393 | 252 | 13917 | 0.370 | ng | 96 |
| 38) Benzo(k)fluoranthene | 23.439 | 252 | 12957 | 0.343 | ng | 96 |
| 39) Benzo(a)pyrene | 24.053 | 252 | 11125 | 0.424 | ng | # 91 |
| 40) Dibenzo(a,h)anthracene | 26.834 | 278 | 10248 | 0.370 | ng | 96 |
| 41) Benzo(g,h,i)perylene | 27.626 | 276 | 11724 | 0.386 | ng | 97 |

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

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