Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082823\
Data File : BN027214.D
Acq On : 28 Aug 2023 13:06
Operator : MA/JU
Sample : 04051-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
TT180D-20230816MS

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 03:24:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 03:21:06 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.073 | 152 | 6260 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.895 | 136 | 16696 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.705 | 164 | 9402 | 0.400 | ng | 0.01 |
| 19) Phenanthrene-d10 | 17.443 | 188 | 20963 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.623 | 240 | 15300 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 24.162 | 264 | 13426 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.596 | 112 | 2029 | 0.115 | ng | 0.00 |
| 5) Phenol-d6 | 7.214 | 99 | 1366 | 0.063 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.262 | 82 | 3563 | 0.253 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.472 | 152 | 8701m | 0.328 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.189 | 330 | 1144 | 0.229 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.325 | 172 | 12416 | 0.356 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.467 | 212 | 19138 | 0.356 | ng | 0.00 |
| 31) Terphenyl-d14 | 20.053 | 244 | 14451 | 0.452 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.465 | 88 | 4920 | 0.731 | ng | # 88 |
| 3) n-Nitrosodimethylamine | 3.805 | 42 | 1199 | 0.160 | ng | # 90 |
| 6) bis(2-Chloroethyl)ether | 7.503 | 93 | 7070 | 0.386 | ng | 95 |
| 9) Naphthalene | 10.949 | 128 | 16610 | 0.378 | ng | 99 |
| 10) Hexachlorobutadiene | 11.184 | 225 | 3260 | 0.363 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.544 | 142 | 10933 | 0.318 | ng | 99 |
| 16) Acenaphthylene | 14.427 | 152 | 17441 | 0.389 | ng | 100 |
| 17) Acenaphthene | 14.758 | 154 | 10612 | 0.383 | ng | 96 |
| 18) Fluorene | 15.742 | 166 | 14762 | 0.397 | ng | 98 |
| 20) 4,6-Dinitro-2-methylph... | 16.897 | 198 | 153 | 0.465 | ng | # 51 |
| 21) 4-Bromophenyl-phenylether | 16.636 | 248 | 4326 | 0.361 | ng | # 92 |
| 22) Hexachlorobenzene | 16.723 | 284 | 5391 | 0.422 | ng | 94 |
| 23) Atrazine | 16.897 | 200 | 3559 | 0.334 | ng | # 94 |
| 24) Pentachlorophenol | 17.070 | 266 | 2960 | 0.459 | ng | 96 |
| 25) Phenanthrene | 17.492 | 178 | 25737 | 0.427 | ng | 99 |
| 26) Anthracene | 17.579 | 178 | 20767 | 0.369 | ng | 99 |
| 28) Fluoranthene | 19.500 | 202 | 29837 | 0.418 | ng | 99 |
| 30) Pyrene | 19.862 | 202 | 30737 | 0.522 | ng | 99 |
| 32) Benzo(a)anthracene | 21.614 | 228 | 23493 | 0.425 | ng | 99 |
| 33) Chrysene | 21.668 | 228 | 25207 | 0.452 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.488 | 149 | 12173 | 0.306 | ng | # 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.840 | 276 | 20161m | 0.367 | ng | |
| 37) Benzo(b)fluoranthene | 23.370 | 252 | 23654 | 0.526 | ng | # 94 |
| 38) Benzo(k)fluoranthene | 23.425 | 252 | 22048 | 0.477 | ng | # 94 |
| 39) Benzo(a)pyrene | 24.045 | 252 | 18426 | 0.409 | ng | # 89 |
| 40) Dibenzo(a,h)anthracene | 26.864 | 278 | 15691 | 0.358 | ng | # 93 |
| 41) Benzo(g,h,i)perylene | 27.671 | 276 | 17501 | 0.372 | ng | 95 |

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

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