Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028358.D
Acq On : 23 Oct 2023 23:13
Operator : MA/JU
Sample : 05003-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EB-01-102023

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 24 03:21:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.886 | 152 | 2994 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.714 | 136 | 9271 | 0.400 | ng | 0.01 |
| 13) Acenaphthene-d10 | 14.534 | 164 | 5813 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.294 | 188 | 13843 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.489 | 240 | 13504 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.937 | 264 | 12784 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.437 | 112 | 537 | 0.058 | ng | 0.00 |
| 5) Phenol-d6 | 7.134 | 99 | 346m | 0.030 | ng | 0.08 |
| 8) Nitrobenzene-d5 | 9.123 | 82 | 1324 | 0.161 | ng | 0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.298 | 152 | 3228 | 0.232 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.065 | 330 | 364 | 0.128 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.165 | 172 | 3833 | 0.187 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.323 | 212 | 9163 | 0.247 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.913 | 244 | 8101 | 0.283 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.299 | 88 | 331 | 0.091 | ng | # 75 |
| 3) n-Nitrosodimethylamine | 3.675 | 42 | 204 | 0.052 | ng | 88 |
| 6) bis(2-Chloroethyl)ether | 7.344 | 93 | 958 | 0.109 | ng | # 84 |
| 9) Naphthalene | 10.767 | 128 | 2664 | 0.111 | ng | # 91 |
| 10) Hexachlorobutadiene | 10.960 | 225 | 357 | 0.087 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.377 | 142 | 1572 | 0.092 | ng | # 95 |
| 16) Acenaphthylene | 14.266 | 152 | 2394 | 0.092 | ng | 98 |
| 17) Acenaphthene | 14.598 | 154 | 1668 | 0.101 | ng | 93 |
| 18) Fluorene | 15.593 | 166 | 2330 | 0.108 | ng | 100 |
| 21) 4-Bromophenyl-phenylether | 16.487 | 248 | 671 | 0.094 | ng | # 89 |
| 22) Hexachlorobenzene | 16.562 | 284 | 731 | 0.100 | ng | 95 |
| 23) Atrazine | 16.760 | 200 | 695 | 0.104 | ng | # 85 |
| 24) Pentachlorophenol | 17.008 | 266 | 448 | 0.134 | ng | 96 |
| 25) Phenanthrene | 17.344 | 178 | 4273 | 0.113 | ng | 99 |
| 26) Anthracene | 17.430 | 178 | 3426 | 0.095 | ng | 99 |
| 28) Fluoranthene | 19.356 | 202 | 5743 | 0.121 | ng | 99 |
| 30) Pyrene | 19.723 | 202 | 6009 | 0.130 | ng | 99 |
| 32) Benzo(a)anthracene | 21.471 | 228 | 5279 | 0.110 | ng | 100 |
| 33) Chrysene | 21.524 | 228 | 6340 | 0.138 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.336 | 149 | 4344 | 0.119 | ng | # 96 |
| 36) Indeno(1,2,3-cd)pyrene | 26.516 | 276 | 5739 | 0.111 | ng | 100 |
| 37) Benzo(b)fluoranthene | 23.180 | 252 | 5661 | 0.142 | ng | # 87 |
| 38) Benzo(k)fluoranthene | 23.230 | 252 | 5549 | 0.137 | ng | # 84 |
| 39) Benzo(a)pyrene | 23.829 | 252 | 4332 | 0.109 | ng | # 67 |
| 40) Dibenzo(a,h)anthracene | 26.522 | 278 | 4761 | 0.114 | ng | # 86 |
| 41) Benzo(g,h,i)perylene | 27.314 | 276 | 4980 | 0.115 | ng | 95 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028358.D
Acq On : 23 Oct 2023 23:13
Operator : MA/JU
Sample : 05003-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 24 03:21:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
EB-01-102023

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023