Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025319.D
Acq On : 06 May 2023 17:08
Operator : CG/JU
Sample : 02588-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
ZONE-D-0-3-05022023

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 08 04:01:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 02:37:05 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.911 | 152 | 9996 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.718 | 136 | 31673 | 0.400 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 14.544 | 164 | 19110 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.298 | 188 | 39805 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.495 | 240 | 27038 | 0.400 | ng | | #-0.01 |
| 35) Perylene-d12 | 23.940 | 264 | 26866 | 0.400 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.470 | 112 | 6557 | 0.269 | ng | | 0.00 |
| 5) Phenol-d6 | 7.080 | 99 | 8755 | 0.287 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.073 | 82 | 6342 | 0.243 | ng | | -0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.305 | 152 | 11946 | 0.276 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 16.045 | 330 | 2341 | 0.240 | ng | | -0.02 |
| 15) 2-Fluorobiphenyl | 13.176 | 172 | 17626 | 0.269 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 19.334 | 212 | 21182 | 0.215 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.924 | 244 | 18138 | 0.333 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 9) Naphthalene | 10.760 | 128 | 58398 | 0.719 | ng | | 100 |
| 12) 2-Methylnaphthalene | 12.377 | 142 | 25633 | 0.446 | ng | | 99 |
| 16) Acenaphthylene | 14.266 | 152 | 76952 | 0.899 | ng | | 99 |
| 17) Acenaphthene | 14.608 | 154 | 79111 | 1.487 | ng | | 100 |
| 18) Fluorene | 15.603 | 166 | 102071 | 1.400 | ng | # | 98 |
| 25) Phenanthrene | 17.336 | 178 | 1640911 | 14.900 | ng | | 100 |
| 26) Anthracene | 17.435 | 178 | 423395 | 4.104 | ng | # | 97 |
| 28) Fluoranthene | 19.367 | 202 | 3065085 | 22.274 | ng | | 99 |
| 30) Pyrene | 19.730 | 202 | 2580369 | 27.916 | ng | # | 94 |
| 32) Benzo(a)anthracene | 21.477 | 228 | 1215484 | 13.300 | ng | | 98 |
| 33) Chrysene | 21.531 | 228 | 1124118 | 12.357 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.396 | 149 | 90237 | 1.258 | ng | | 93 |
| 36) Indeno(1,2,3-cd)pyrene | 26.487 | 276 | 623769 | 5.792 | ng | | 96 |
| 37) Benzo(b)fluoranthene | 23.198 | 252 | 1331120 | 15.630 | ng | | 95 |
| 38) Benzo(k)fluoranthene | 23.239 | 252 | 493137m | 5.532 | ng | | |
| 39) Benzo(a)pyrene | 23.835 | 252 | 955602m | 10.953 | ng | | |
| 40) Dibenzo(a,h)anthracene | 26.496 | 278 | 158286 | 1.861 | ng | # | 89 |
| 41) Benzo(g,h,i)perylene | 27.273 | 276 | 598168 | 6.404 | ng | | 100 |

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

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