Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110122\
Data File : BN022454.D
Acq On : 02 Nov 2022 04:32
Operator : CG/JU
Sample : N5235-04
Misc :
ALS Vial : 62 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
LSP-DS-01-09-11

**Manual Integrations APPROVED**
Reviewed By :Christian Giraldo
11/02/2022
Supervised By :mohammad ahmed
11/04/2022

Quant Time: Nov 02 05:41:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:31:40 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.928 | 152 | 3905 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.752 | 136 | 11022 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.589 | 164 | 4618 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.350 | 188 | 7327 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.546 | 240 | 8236 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.996 | 264 | 8387 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.458 | 112 | 2730 | 0.262 | ng | | 0.00 |
| 5) Phenol-d6 | 7.090 | 99 | 3664 | 0.281 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.108 | 82 | 2217 | 0.233 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.346 | 152 | 3525 | 0.204 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.096 | 330 | 452 | 0.228 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.221 | 172 | 4690 | 0.237 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.386 | 212 | 5836 | 0.288 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.980 | 244 | 5950 | 0.277 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 16) Acenaphthylene | 14.311 | 152 | 7079 | 0.316 | ng | | 98 |
| 18) Fluorene | 15.647 | 166 | 882 | 0.042 | ng | # | 12 |
| 25) Phenanthrene | 17.387 | 178 | 8113m | 0.323 | ng | | |
| 26) Anthracene | 17.487 | 178 | 4606 | 0.218 | ng | | 97 |
| 28) Fluoranthene | 19.416 | 202 | 20758 | 0.762 | ng | | 99 |
| 30) Pyrene | 19.782 | 202 | 26033 | 0.687 | ng | # | 95 |
| 32) Benzo(a)anthracene | 21.528 | 228 | 12637 | 0.390 | ng | # | 70 |
| 33) Chrysene | 21.582 | 228 | 12614 | 0.372 | ng | # | 75 |
| 34) Bis(2-ethylhexyl)phtha... | 21.448 | 149 | 14297 | 0.657 | ng | # | 87 |
| 36) Indeno(1,2,3-cd)pyrene | 26.555 | 276 | 9353 | 0.226 | ng | | 94 |
| 37) Benzo(b)fluoranthene | 23.245 | 252 | 17205 | 0.448 | ng | # | 26 |
| 38) Benzo(k)fluoranthene | 23.289 | 252 | 5706m | 0.149 | ng | | |
| 39) Benzo(a)pyrene | 23.885 | 252 | 12668 | 0.406 | ng | # | 47 |
| 40) Dibenzo(a,h)anthracene | 26.563 | 278 | 2885 | 0.089 | ng | # | 1 |
| 41) Benzo(g,h,i)perylene | 27.353 | 276 | 13453 | 0.394 | ng | # | 75 |

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

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Reviewed By :Christian Giraldo