Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019694.D
Acq On : 05 May 2022 13:46
Operator : CG/JU
Sample : N1870-21DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: May 05 14:56:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:20:22 2022
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
RR-PAH-WPDL

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/06/2022
Supervised By :mohammad ahmed 05/09/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.854 | 152 | 6197 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.647 | 136 | 18578 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.474 | 164 | 10390 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.215 | 188 | 20897 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.404 | 240 | 14722 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.749 | 264 | 12495 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.435 | 112 | 523 | 0.036 | ng | | 0.00 |
| 5) Phenol-d6 | 7.016 | 99 | 628 | 0.035 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.003 | 82 | 1088 | 0.072 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.234 | 152 | 1032 | 0.034 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.964 | 330 | 102 | 0.027 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.105 | 172 | 4848 | 0.108 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.248 | 212 | 1833 | 0.032 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.847 | 244 | 9071 | 0.263 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 9) Naphthalene | 10.690 | 128 | 33219 | 0.625 | ng | | 100 |
| 12) 2-Methylnaphthalene | 12.310 | 142 | 10027 | 0.288 | ng | | 98 |
| 16) Acenaphthylene | 14.196 | 152 | 51236 | 1.022 | ng | | 99 |
| 17) Acenaphthene | 14.538 | 154 | 46232 | 1.340 | ng | | 99 |
| 18) Fluorene | 15.521 | 166 | 26840 | 0.633 | ng | | 99 |
| 25) Phenanthrene | 17.256 | 178 | 7086 | 0.102 | ng | | 99 |
| 26) Anthracene | 17.348 | 178 | 15019 | 0.255 | ng | | 99 |
| 28) Fluoranthene | 19.278 | 202 | 16060 | 0.222 | ng | | 99 |
| 30) Pyrene | 19.640 | 202 | 21843 | 0.359 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.386 | 228 | 6357 | 0.122 | ng | | 98 |
| 33) Chrysene | 21.440 | 228 | 11058 | 0.194 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.158 | 276 | 16866 | 0.297 | ng | | 95 |
| 37) Benzo(b)fluoranthene | 23.039 | 252 | 13862 | 0.268 | ng | | 95 |
| 38) Benzo(k)fluoranthene | 23.086 | 252 | 18608m | 0.340 | ng | | |
| 39) Benzo(a)pyrene | 23.641 | 252 | 3606 | 0.092 | ng | # | 88 |
| 40) Dibenzo(a,h)anthracene | 26.173 | 278 | 6688 | 0.145 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.895 | 276 | 15723 | 0.343 | ng | | 99 |

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

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