Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033108.D
Acq On : 30 Jul 2024 16:15
Operator : MA/JU
Sample : P3347-13DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0AX6DL

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 18:40:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.516 | 152 | 1627 | 0.400 | ng/ul | -0.03 |
| 4) Naphthalene-d8 | 10.289 | 136 | 6228 | 0.400 | ng/ul | -0.03 |
| 9) Acenaphthene-d10 | 14.143 | 164 | 4059 | 0.400 | ng/ul | -0.02 |
| 13) Phenanthrene-d10 | 16.916 | 188 | 8973 | 0.400 | ng/ul | -0.03 |
| 17) Chrysene-d12 | 21.145 | 240 | 8276 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.325 | 264 | 7833m | 0.400 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.060 | 96 | 666 | 0.324 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.912 | 152 | 487 | 0.048 | ng/ul | -0.02 |
| 18) Fluoranthene-d10 | 18.958 | 212 | 1509 | 0.064 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.344 | 128 | 728 | 0.046 | ng/ul# | 60 |
| 8) 1-Methylnaphthalene | 12.187 | 142 | 2042 | 0.174 | ng/ul# | 45 |
| 10) Acenaphthylene | 13.865 | 152 | 1447 | 0.087 | ng/ul# | 77 |
| 11) Acenaphthene | 14.203 | 153 | 35576 | 2.847 | ng/ul | 98 |
| 12) Fluorene | 15.212 | 166 | 33553 | 2.304 | ng/ul | 98 |
| 15) Phenanthrene | 16.958 | 178 | 1023 | 0.043 | ng/ul# | 77 |
| 16) Anthracene | 17.055 | 178 | 4446 | 0.205 | ng/ul# | 91 |
| 19) Fluoranthene | 18.986 | 202 | 17497 | 0.642 | ng/ul | 99 |
| 20) Pyrene | 19.348 | 202 | 12482 | 0.427 | ng/ul | 96 |
| 21) Benzo(a)anthracene | 21.134 | 228 | 1619 | 0.057 | ng/ul# | 82 |
| 22) Chrysene | 21.183 | 228 | 1221 | 0.037 | ng/ul# | 80 |
| 24) Benzo(b)fluoranthene | 22.679 | 252 | 1406m | 0.061 | ng/ul | |
| 25) Benzo(k)fluoranthene | 22.703 | 252 | 664m | 0.024 | ng/ul | |
| 26) Benzo(a)pyrene | 23.223 | 252 | 778 | 0.036 | ng/ul# | 3 |
| 27) Indeno(1,2,3-cd)pyrene | 25.547 | 276 | 919 | 0.028 | ng/ul# | 96 |
| 29) Benzo(g,h,i)perylene | 26.224 | 276 | 1604 | 0.062 | ng/ul# | 70 |

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

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