Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035555.D
Acq On : 11 Dec 2024 05:54
Operator : RC/JU
Sample : P5066-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
E28M2

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 11 06:16:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.293 | 152 | 2801 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.036 | 136 | 7870 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 13.949 | 164 | 5876 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.717 | 188 | 9560m | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 20.967 | 240 | 6783 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.074 | 264 | 7258m | 0.400 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.963 | 96 | 9852 | 3.848 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.637 | 152 | 3305 | 0.287 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.772 | 212 | 5929m | 0.317 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.086 | 128 | 116444 | 5.873 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 11.714 | 142 | 249453 | 18.142 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 11.939 | 142 | 169781 | 12.233 | ng/ul | 97 |
| 10) Acenaphthylene | 13.671 | 152 | 12792 | 0.549 | ng/ul# | 1 |
| 11) Acenaphthene | 14.014 | 153 | 25980 | 1.457 | ng/ul | 97 |
| 12) Fluorene | 15.017 | 166 | 112258 | 5.363 | ng/ul# | 95 |
| 15) Phenanthrene | 16.759 | 178 | 792900 | 31.373 | ng/ul | 100 |
| 16) Anthracene | 16.852 | 178 | 231158m | 9.854 | ng/ul | |
| 19) Fluoranthene | 18.805 | 202 | 255410 | 10.815 | ng/ul | 98 |
| 20) Pyrene | 19.172 | 202 | 284389 | 11.572 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 20.953 | 228 | 32906 | 1.398 | ng/ul# | 75 |
| 22) Chrysene | 21.005 | 228 | 43470 | 1.835 | ng/ul# | 70 |
| 24) Benzo(b)fluoranthene | 22.457 | 252 | 19805m | 0.826 | ng/ul | |
| 25) Benzo(k)fluoranthene | 22.495 | 252 | 5916m | 0.239 | ng/ul | |
| 27) Indeno(1,2,3-cd)pyrene | 25.114 | 276 | 7617m | 0.257 | ng/ul | |
| 29) Benzo(g,h,i)perylene | 25.735 | 276 | 9267m | 0.397 | ng/ul | |

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

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