Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035675.D
Acq On : 18 Dec 2024 18:07
Operator : RC/JU
Sample : P5258-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 19 01:04:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
E28Y4

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.280 | 152 | 2534 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.025 | 136 | 7230 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 13.944 | 164 | 5100 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.713 | 188 | 10543 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 20.961 | 240 | 8272 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.048 | 264 | 11241 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.951 | 96 | 8577 | 3.818 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.631 | 152 | 2335 | 0.227 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.767 | 212 | 5136 | 0.212 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 15) Phenanthrene | 16.751 | 178 | 1352 | 0.051 | ng/ul# | 83 |
| 19) Fluoranthene | 18.795 | 202 | 2188 | 0.074 | ng/ul# | 90 |
| 20) Pyrene | 19.163 | 202 | 2296 | 0.070 | ng/ul# | 87 |
| 21) Benzo(a)anthracene | 20.947 | 228 | 1146 | 0.042 | ng/ul# | 73 |
| 22) Chrysene | 20.996 | 228 | 1858 | 0.065 | ng/ul# | 82 |
| 24) Benzo(b)fluoranthene | 22.440 | 252 | 2646m | 0.080 | ng/ul | |
| 25) Benzo(k)fluoranthene | 22.478 | 252 | 899m | 0.025 | ng/ul | |
| 26) Benzo(a)pyrene | 22.960 | 252 | 1830 | 0.057 | ng/ul# | 25 |
| 27) Indeno(1,2,3-cd)pyrene | 25.081 | 276 | 1458 | 0.037 | ng/ul# | 52 |
| 29) Benzo(g,h,i)perylene | 25.698 | 276 | 1665 | 0.053 | ng/ul# | 47 |

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

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