Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046122.D
Acq On : 20 Jun 2024 14:30
Operator : MA/JU
Sample : P2710-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A4BL8

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 20 15:00:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.426 | 152 | 2866 | 0.400 | ng/ul | -0.04 |
| 4) Naphthalene-d8 | 10.205 | 136 | 8386 | 0.400 | ng/ul | -0.05 |
| 9) Acenaphthene-d10 | 14.076 | 164 | 4666 | 0.400 | ng/ul | -0.04 |
| 13) Phenanthrene-d10 | 16.820 | 188 | 9473 | 0.400 | ng/ul | -0.04 |
| 17) Chrysene-d12 | 21.023 | 240 | 7688 | 0.400 | ng/ul | -0.02 |
| 23) Perylene-d12 | 23.115 | 264 | 8009m | 0.400 | ng/ul | -0.03 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.037 | 96 | 8196 | 2.084 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.838 | 152 | 1720 | 0.153 | ng/ul | -0.03 |
| 18) Fluoranthene-d10 | 18.853 | 212 | 4012 | 0.174 | ng/ul | -0.03 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.249 | 128 | 554 | 0.024 | ng/ul# | 63 |
| 10) Acenaphthylene | 13.794 | 152 | 1368 | 0.062 | ng/ul# | 85 |
| 11) Acenaphthene | 14.137 | 153 | 1086 | 0.068 | ng/ul | 96 |
| 12) Fluorene | 15.131 | 166 | 1355 | 0.079 | ng/ul# | 98 |
| 15) Phenanthrene | 16.858 | 178 | 22736 | 0.854 | ng/ul | 96 |
| 16) Anthracene | 16.951 | 178 | 4846 | 0.244 | ng/ul | 96 |
| 19) Fluoranthene | 18.881 | 202 | 42674 | 1.282 | ng/ul | 97 |
| 20) Pyrene | 19.244 | 202 | 37162 | 1.032 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.006 | 228 | 17826 | 0.600 | ng/ul | 98 |
| 22) Chrysene | 21.058 | 228 | 18056 | 0.476 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 22.496 | 252 | 25861m | 0.896 | ng/ul | |
| 25) Benzo(k)fluoranthene | 22.534 | 252 | 11120m | 0.324 | ng/ul | |
| 26) Benzo(a)pyrene | 23.019 | 252 | 17855m | 0.668 | ng/ul | |
| 27) Indeno(1,2,3-cd)pyrene | 25.168 | 276 | 14212 | 0.325 | ng/ul# | 90 |
| 28) Dibenzo(a,h)anthracene | 25.168 | 278 | 3168 | 0.097 | ng/ul# | 68 |
| 29) Benzo(g,h,i)perylene | 25.789 | 276 | 14411 | 0.384 | ng/ul | 99 |

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

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