Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
Data File : BN026651.D
Acq On : 22 Jul 2023 13:02
Operator : MA/JU
Sample : O3472-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 22 14:29:21 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A46Q3DL

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.835 | 152 | 2528 | 0.400 | ng/ul | -0.02 |
| 4) Naphthalene-d8 | 10.630 | 136 | 8784 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.471 | 164 | 5287 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.219 | 188 | 12016 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.425 | 240 | 7209 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.795 | 264 | 7958 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.203 | 96 | 1365 | 0.410 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.241 | 152 | 1015m | 0.085 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.250 | 212 | 2518 | 0.101 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.679 | 128 | 578 | 0.024 | ng/ul# | 65 |
| 10) Acenaphthylene | 14.189 | 152 | 823 | 0.032 | ng/ul# | 77 |
| 11) Acenaphthene | 14.531 | 153 | 424 | 0.021 | ng/ul# | 93 |
| 12) Fluorene | 15.521 | 166 | 692 | 0.033 | ng/ul# | 92 |
| 15) Phenanthrene | 17.261 | 178 | 7522 | 0.197 | ng/ul | 99 |
| 16) Anthracene | 17.349 | 178 | 2004 | 0.060 | ng/ul# | 88 |
| 19) Fluoranthene | 19.282 | 202 | 16979 | 0.502 | ng/ul | 99 |
| 20) Pyrene | 19.640 | 202 | 16827 | 0.459 | ng/ul# | 95 |
| 21) Benzo(a)anthracene | 21.407 | 228 | 6737 | 0.254 | ng/ul# | 90 |
| 22) Chrysene | 21.460 | 228 | 5921 | 0.196 | ng/ul# | 89 |
| 24) Benzo(b)fluoranthene | 23.079 | 252 | 7966m | 0.257 | ng/ul | |
| 25) Benzo(k)fluoranthene | 23.123 | 252 | 2871m | 0.088 | ng/ul | |
| 26) Benzo(a)pyrene | 23.690 | 252 | 5695 | 0.206 | ng/ul# | 83 |
| 27) Indeno(1,2,3-cd)pyrene | 26.257 | 276 | 3834 | 0.106 | ng/ul# | 92 |
| 28) Dibenzo(a,h)anthracene | 26.267 | 278 | 975 | 0.035 | ng/ul# | 1 |
| 29) Benzo(g,h,i)perylene | 27.011 | 276 | 3921 | 0.123 | ng/ul# | 80 |

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

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