Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023387.D
Acq On : 24 Dec 2022 00:29
Operator : CG/JU
Sample : N6008-07DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYB4DL

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 24 03:08:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.990 | 152 | 7450 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.810 | 136 | 24992 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.641 | 164 | 14459 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.386 | 188 | 32997 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.578 | 240 | 22943 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.025 | 264 | 17592 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.345 | 96 | 6673 | 0.824 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.399 | 152 | 1956 | 0.051 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.416 | 212 | 4448 | 0.054 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 10) Acenaphthylene | 14.363 | 152 | 1601 | 0.025 | ng/ul# | 84 |
| 15) Phenanthrene | 17.428 | 178 | 12558 | 0.117 | ng/ul | 97 |
| 16) Anthracene | 17.521 | 178 | 2480 | 0.028 | ng/ul# | 87 |
| 19) Fluoranthene | 19.448 | 202 | 32561 | 0.293 | ng/ul | 99 |
| 20) Pyrene | 19.811 | 202 | 27591m | 0.246 | ng/ul | |
| 21) Benzo(a)anthracene | 21.560 | 228 | 15369 | 0.172 | ng/ul | 97 |
| 22) Chrysene | 21.613 | 228 | 17606 | 0.194 | ng/ul | 97 |
| 24) Benzo(b)fluoranthene | 23.276 | 252 | 24330m | 0.267 | ng/ul | |
| 25) Benzo(k)fluoranthene | 23.320 | 252 | 7351m | 0.086 | ng/ul | |
| 26) Benzo(a)pyrene | 23.916 | 252 | 14039 | 0.195 | ng/ul# | 85 |
| 27) Indeno(1,2,3-cd)pyrene | 26.577 | 276 | 10019 | 0.119 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 26.597 | 278 | 2446 | 0.037 | ng/ul# | 33 |
| 29) Benzo(g,h,i)perylene | 27.369 | 276 | 9996 | 0.146 | ng/ul# | 92 |

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

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