Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023453.D
Acq On : 25 Dec 2022 17:55
Operator : CG/JU
Sample : N6017-08DL 5X
Misc :
ALS Vial : 82 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBYF6DL

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 26 01:24:30 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 : Sun Dec 25 05:17:59 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.989 | 152 | 6062 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.803 | 136 | 20197 | 0.400 | ng/ul | | 0.00 |
| 9) Acenaphthene-d10 | 14.639 | 164 | 11818 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 17.384 | 188 | 25968 | 0.400 | ng/ul | | 0.00 |
| 17) Chrysene-d12 | 21.572 | 240 | 15785 | 0.400 | ng/ul | # | 0.00 |
| 23) Perylene-d12 | 24.019 | 264 | 12611 | 0.400 | ng/ul | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.340 | 96 | 4557 | 0.692 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.392 | 152 | 1690 | 0.054 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 19.414 | 212 | 3649 | 0.064 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 5) Naphthalene | 10.852 | 128 | 7219 | 0.122 | ng/ul | | 97 |
| 7) 2-Methylnaphthalene | 12.464 | 142 | 1317 | 0.035 | ng/ul | | 99 |
| 10) Acenaphthylene | 14.357 | 152 | 10389 | 0.198 | ng/ul | | 99 |
| 11) Acenaphthene | 14.699 | 153 | 971 | 0.022 | ng/ul | | 94 |
| 12) Fluorene | 15.685 | 166 | 1562 | 0.031 | ng/ul | # | 95 |
| 15) Phenanthrene | 17.427 | 178 | 36821 | 0.436 | ng/ul | | 100 |
| 16) Anthracene | 17.515 | 178 | 8596 | 0.123 | ng/ul | | 97 |
| 19) Fluoranthene | 19.442 | 202 | 115903 | 1.514 | ng/ul | | 100 |
| 20) Pyrene | 19.805 | 202 | 86752 | 1.124 | ng/ul | | 100 |
| 21) Benzo(a)anthracene | 21.555 | 228 | 46612 | 0.758 | ng/ul | | 96 |
| 22) Chrysene | 21.610 | 228 | 44079 | 0.705 | ng/ul | # | 96 |
| 24) Benzo(b)fluoranthene | 23.271 | 252 | 57004m | 0.874 | ng/ul | | |
| 25) Benzo(k)fluoranthene | 23.317 | 252 | 18721m | 0.306 | ng/ul | | |
| 26) Benzo(a)pyrene | 23.908 | 252 | 34449 | 0.667 | ng/ul | | 99 |
| 27) Indeno(1,2,3-cd)pyrene | 26.571 | 276 | 26190 | 0.434 | ng/ul | # | 94 |
| 28) Dibenzo(a,h)anthracene | 26.587 | 278 | 6366 | 0.136 | ng/ul | # | 68 |
| 29) Benzo(g,h,i)perylene | 27.365 | 276 | 24251 | 0.494 | ng/ul | | 98 |

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

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