Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022297.D
Acq On : 24 Oct 2022 14:00
Operator : CG/JU
Sample : N5070-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0BK5

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 04:16:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.944 | 152 | 4184 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.772 | 136 | 15131 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.618 | 164 | 8845 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.374 | 188 | 17714 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.576 | 240 | 10281 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.034 | 264 | 7788 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.249 | 96 | 18997 | 3.494 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.367 | 152 | 5323 | 0.233 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.407 | 212 | 10200 | 0.296 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.822 | 128 | 45596 | 1.020 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.438 | 142 | 35717 | 1.268 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.658 | 142 | 28641 | 0.989 | ng/ul | 100 |
| 10) Acenaphthylene | 14.341 | 152 | 2827 | 0.071 | ng/ul# | 70 |
| 11) Acenaphthene | 14.683 | 153 | 924 | 0.028 | ng/ul# | 92 |
| 12) Fluorene | 15.669 | 166 | 1174 | 0.030 | ng/ul# | 78 |
| 15) Phenanthrene | 17.416 | 178 | 45504 | 0.765 | ng/ul | 100 |
| 16) Anthracene | 17.509 | 178 | 4202 | 0.084 | ng/ul# | 94 |
| 19) Fluoranthene | 19.440 | 202 | 55380 | 1.176 | ng/ul | 98 |
| 20) Pyrene | 19.802 | 202 | 47320 | 1.000 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.558 | 228 | 22255 | 0.578 | ng/ul | 96 |
| 22) Chrysene | 21.614 | 228 | 25827 | 0.633 | ng/ul | 96 |
| 24) Benzo(b)fluoranthene | 23.280 | 252 | 31484m | 0.805 | ng/ul | |
| 25) Benzo(k)fluoranthene | 23.324 | 252 | 10062m | 0.265 | ng/ul | |
| 26) Benzo(a)pyrene | 23.923 | 252 | 19531 | 0.626 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 26.618 | 276 | 17077 | 0.441 | ng/ul# | 99 |
| 28) Dibenzo(a,h)anthracene | 26.628 | 278 | 8852 | 0.286 | ng/ul# | 82 |
| 29) Benzo(g,h,i)perylene | 27.410 | 276 | 18740 | 0.593 | ng/ul | 98 |

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

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