Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028070.D
Acq On : 06 Oct 2023 04:53
Operator : MA/JU
Sample : 04527-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 06 05:20:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
EZYK5

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.941 | 152 | 6098 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.757 | 136 | 18979 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.587 | 164 | 10327 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.342 | 188 | 20712 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.527 | 240 | 18691 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 24.000 | 264 | 19976 | 0.400 | ng/ul | # 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.330 | 96 | 17812 | 2.326 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.341 | 152 | 4243 | 0.139 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.367 | 212 | 8312 | 0.140 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.806 | 128 | 6057 | 0.112 | ng/ul# | 94 |
| 7) 2-Methylnaphthalene | 12.412 | 142 | 5793 | 0.170 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.632 | 142 | 2704 | 0.077 | ng/ul | 98 |
| 10) Acenaphthylene | 14.314 | 152 | 10578 | 0.226 | ng/ul | 96 |
| 11) Acenaphthene | 14.647 | 153 | 1581 | 0.042 | ng/ul# | 90 |
| 12) Fluorene | 15.637 | 166 | 2237 | 0.054 | ng/ul# | 83 |
| 15) Phenanthrene | 17.384 | 178 | 27911 | 0.452 | ng/ul | 95 |
| 16) Anthracene | 17.477 | 178 | 16868 | 0.305 | ng/ul# | 91 |
| 19) Fluoranthene | 19.399 | 202 | 44298 | 0.621 | ng/ul | 99 |
| 20) Pyrene | 19.766 | 202 | 61819 | 0.836 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.510 | 228 | 35942 | 0.527 | ng/ul# | 62 |
| 22) Chrysene | 21.565 | 228 | 95428m | 1.385 | ng/ul | |
| 24) Benzo(b)fluoranthene | 23.234 | 252 | 126485m | 1.708 | ng/ul | |
| 25) Benzo(k)fluoranthene | 23.281 | 252 | 41310m | 0.560 | ng/ul | |
| 26) Benzo(a)pyrene | 23.889 | 252 | 71252 | 1.128 | ng/ul# | 47 |
| 27) Indeno(1,2,3-cd)pyrene | 26.606 | 276 | 74268 | 0.972 | ng/ul# | 95 |
| 28) Dibenzo(a,h)anthracene | 26.603 | 278 | 22592 | 0.363 | ng/ul# | 1 |
| 29) Benzo(g,h,i)perylene | 27.428 | 276 | 104768 | 1.677 | ng/ul# | 78 |

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

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