Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041822\
Data File : BN019481.D
Acq On : 18 Apr 2022 16:34
Operator : CG/JU
Sample : PB144123BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 19 03:15:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 18 15:28:08 2022
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SLCS123

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/25/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.822 | 152 | 5131 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.623 | 136 | 15982 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.460 | 164 | 9235 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.204 | 188 | 15332 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.392 | 240 | 9170 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.742 | 264 | 6019 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.173 | 96 | 4021 | 0.647 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.217 | 152 | 7509 | 0.350 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.234 | 212 | 14815 | 0.396 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.207 | 88 | 10637m | 1.673 | ng/ul | |
| 5) Naphthalene | 10.672 | 128 | 15126 | 0.333 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.289 | 142 | 8897 | 0.315 | ng/ul# | 100 |
| 8) 1-Methylnaphthalene | 12.509 | 142 | 9570 | 0.314 | ng/ul# | 100 |
| 10) Acenaphthylene | 14.178 | 152 | 12282 | 0.361 | ng/ul | 100 |
| 11) Acenaphthene | 14.520 | 153 | 10844 | 0.323 | ng/ul | 99 |
| 12) Fluorene | 15.510 | 166 | 11363 | 0.330 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.866 | 266 | 1116 | 0.546 | ng/ul | 91 |
| 15) Phenanthrene | 17.242 | 178 | 17299 | 0.331 | ng/ul | 99 |
| 16) Anthracene | 17.339 | 178 | 12539 | 0.334 | ng/ul | 99 |
| 19) Fluoranthene | 19.262 | 202 | 18651 | 0.366 | ng/ul | 98 |
| 20) Pyrene | 19.624 | 202 | 19891 | 0.361 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.378 | 228 | 9448 | 0.361 | ng/ul | 100 |
| 22) Chrysene | 21.428 | 228 | 12868 | 0.378 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.026 | 252 | 10615 | 0.372 | ng/ul | 94 |
| 25) Benzo(k)fluoranthene | 23.073 | 252 | 12195 | 0.391 | ng/ul | 98 |
| 26) Benzo(a)pyrene | 23.643 | 252 | 9925 | 0.401 | ng/ul# | 84 |
| 27) Indeno(1,2,3-cd)pyrene | 26.176 | 276 | 9184 | 0.364 | ng/ul# | 96 |
| 28) Dibenzo(a,h)anthracene | 26.196 | 278 | 6526 | 0.389 | ng/ul | 91 |
| 29) Benzo(g,h,i)perylene | 26.911 | 276 | 10204 | 0.382 | ng/ul | 99 |

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

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