Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036367.D
Acq On : 07 Feb 2025 10:48
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4257

Quant Time: Feb 07 11:26:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.766 | 152 | 2297 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.557 | 136 | 5054 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.409 | 164 | 2542 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.154 | 188 | 4770 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.339 | 240 | 3952 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.619 | 264 | 3995 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.252 | 96 | 1208 | 0.480 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.157 | 152 | 2928 | 0.459 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.184 | 212 | 5221 | 0.481 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.285 | 88 | 1317 | 0.491 | ng/ul | 97 |
| 5) Naphthalene | 10.606 | 128 | 6396 | 0.459 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.228 | 142 | 3804 | 0.440 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.448 | 142 | 3885 | 0.443 | ng/ul | 100 |
| 10) Acenaphthylene | 14.127 | 152 | 4947 | 0.413 | ng/ul | 100 |
| 11) Acenaphthene | 14.469 | 153 | 3923 | 0.445 | ng/ul | 98 |
| 12) Fluorene | 15.459 | 166 | 4137 | 0.425 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.812 | 266 | 616 | 0.369 | ng/ul | 98 |
| 15) Phenanthrene | 17.196 | 178 | 6292 | 0.450 | ng/ul | 99 |
| 16) Anthracene | 17.289 | 178 | 5357 | 0.413 | ng/ul | 98 |
| 19) Fluoranthene | 19.211 | 202 | 7009 | 0.467 | ng/ul# | 94 |
| 20) Pyrene | 19.574 | 202 | 7273 | 0.464 | ng/ul# | 92 |
| 21) Benzo(a)anthracene | 21.324 | 228 | 6133 | 0.435 | ng/ul | 100 |
| 22) Chrysene | 21.377 | 228 | 6896 | 0.479 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.931 | 252 | 6475 | 0.486 | ng/ul | 87 |
| 25) Benzo(k)fluoranthene | 22.975 | 252 | 6644 | 0.474 | ng/ul# | 86 |
| 26) Benzo(a)pyrene | 23.519 | 252 | 5775 | 0.480 | ng/ul# | 85 |
| 27) Indeno(1,2,3-cd)pyrene | 25.930 | 276 | 7141 | 0.448 | ng/ul# | 94 |
| 28) Dibenzo(a,h)anthracene | 25.950 | 278 | 5409 | 0.441 | ng/ul# | 89 |
| 29) Benzo(g,h,i)perylene | 26.638 | 276 | 5928 | 0.479 | ng/ul | 95 |

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

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