Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041223\
Data File : BN024853.D
Acq On : 12 Apr 2023 18:58
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4266

Quant Time: Apr 13 02:55:13 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 02:44:00 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.955 | 152 | 6395 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.765 | 136 | 19597 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.593 | 164 | 10645 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.343 | 188 | 23012 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.538 | 240 | 19310 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.984 | 264 | 16984 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.318 | 96 | 3417 | 0.489 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.354 | 152 | 11625 | 0.462 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.368 | 212 | 23789 | 0.496 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.352 | 88 | 3741 | 0.486 | ng/ul | 97 |
| 5) Naphthalene | 10.814 | 128 | 23396 | 0.468 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.425 | 142 | 14423 | 0.464 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.640 | 142 | 15100 | 0.459 | ng/ul | 100 |
| 10) Acenaphthylene | 14.316 | 152 | 18641 | 0.467 | ng/ul | 99 |
| 11) Acenaphthene | 14.658 | 153 | 16288 | 0.476 | ng/ul | 100 |
| 12) Fluorene | 15.643 | 166 | 18266 | 0.477 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.992 | 266 | 2155 | 0.439 | ng/ul | 99 |
| 15) Phenanthrene | 17.381 | 178 | 29819 | 0.460 | ng/ul | 99 |
| 16) Anthracene | 17.473 | 178 | 24603 | 0.456 | ng/ul | 99 |
| 19) Fluoranthene | 19.401 | 202 | 33165 | 0.499 | ng/ul | 99 |
| 20) Pyrene | 19.763 | 202 | 33970 | 0.499 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.520 | 228 | 29428 | 0.483 | ng/ul | 100 |
| 22) Chrysene | 21.576 | 228 | 31613 | 0.479 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.236 | 252 | 33485 | 0.491 | ng/ul | 98 |
| 25) Benzo(k)fluoranthene | 23.286 | 252 | 30937 | 0.466 | ng/ul | 98 |
| 26) Benzo(a)pyrene | 23.876 | 252 | 26353 | 0.466 | ng/ul# | 93 |
| 27) Indeno(1,2,3-cd)pyrene | 26.521 | 276 | 30007 | 0.450 | ng/ul# | 98 |
| 28) Dibenzo(a,h)anthracene | 26.551 | 278 | 23053 | 0.440 | ng/ul | 98 |
| 29) Benzo(g,h,i)perylene | 27.305 | 276 | 25355 | 0.450 | ng/ul | 99 |

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

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