Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021862.D
Acq On : 22 Sep 2022 06:36
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4309

Quant Time: Sep 22 07:23:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.051 | 152 | 5290 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.878 | 136 | 17486 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.708 | 164 | 9296 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.460 | 188 | 16812 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.650 | 240 | 9703 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 24.161 | 264 | 7426 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.363 | 96 | 2441 | 0.375 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.467 | 152 | 11128 | 0.402 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.487 | 212 | 15797 | 0.438 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.401 | 88 | 2475 | 0.371 | ng/ul | 94 |
| 5) Naphthalene | 10.927 | 128 | 19994 | 0.406 | ng/ul | 97 |
| 7) 2-Methylnaphthalene | 12.539 | 142 | 12796 | 0.399 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.759 | 142 | 13090 | 0.398 | ng/ul | 99 |
| 10) Acenaphthylene | 14.425 | 152 | 15399 | 0.394 | ng/ul | 98 |
| 11) Acenaphthene | 14.768 | 153 | 13538 | 0.409 | ng/ul | 99 |
| 12) Fluorene | 15.758 | 166 | 14635 | 0.394 | ng/ul | 98 |
| 14) Pentachlorophenol | 17.109 | 266 | 883 | 0.271 | ng/ul | 99 |
| 15) Phenanthrene | 17.502 | 178 | 21496 | 0.405 | ng/ul | 99 |
| 16) Anthracene | 17.591 | 178 | 17401 | 0.395 | ng/ul | 99 |
| 19) Fluoranthene | 19.515 | 202 | 19511 | 0.431 | ng/ul | 97 |
| 20) Pyrene | 19.882 | 202 | 19264 | 0.431 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.635 | 228 | 13732 | 0.422 | ng/ul | 100 |
| 22) Chrysene | 21.688 | 228 | 14666 | 0.414 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.383 | 252 | 13746 | 0.381 | ng/ul | 94 |
| 25) Benzo(k)fluoranthene | 23.436 | 252 | 13581 | 0.389 | ng/ul# | 93 |
| 26) Benzo(a)pyrene | 24.044 | 252 | 11196 | 0.410 | ng/ul# | 91 |
| 27) Indeno(1,2,3-cd)pyrene | 26.801 | 276 | 13362 | 0.435 | ng/ul# | 97 |
| 28) Dibenzo(a,h)anthracene | 26.824 | 278 | 11403 | 0.438 | ng/ul | 96 |
| 29) Benzo(g,h,i)perylene | 27.619 | 276 | 12441 | 0.440 | ng/ul | 98 |

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

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