Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080222\
Data File : BN020968.D
Acq On : 03 Aug 2022 07:52
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4264

Quant Time: Aug 03 08:30:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 04:19:04 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.806 | 152 | 2391 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.602 | 136 | 7676 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.457 | 164 | 4406 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.210 | 188 | 8650 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.416 | 240 | 7577 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.760 | 264 | 6819 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.211 | 96 | 1166 | 0.400 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.202 | 152 | 4579 | 0.405 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.249 | 212 | 9227 | 0.398 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.245 | 88 | 1221 | 0.389 | ng/ul | 94 |
| 5) Naphthalene | 10.651 | 128 | 8212 | 0.391 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.279 | 142 | 5069 | 0.397 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.494 | 142 | 5596 | 0.397 | ng/ul | 100 |
| 10) Acenaphthylene | 14.175 | 152 | 7115 | 0.395 | ng/ul | 99 |
| 11) Acenaphthene | 14.517 | 153 | 5851 | 0.389 | ng/ul | 98 |
| 12) Fluorene | 15.512 | 166 | 6385 | 0.368 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.876 | 266 | 480 | 0.348 | ng/ul | 98 |
| 15) Phenanthrene | 17.252 | 178 | 10342 | 0.352 | ng/ul | 99 |
| 16) Anthracene | 17.345 | 178 | 8239 | 0.327 | ng/ul | 99 |
| 19) Fluoranthene | 19.277 | 202 | 11190 | 0.329 | ng/ul | 99 |
| 20) Pyrene | 19.640 | 202 | 11453 | 0.321 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.401 | 228 | 8567 | 0.311 | ng/ul | 99 |
| 22) Chrysene | 21.453 | 228 | 10592 | 0.311 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.046 | 252 | 10242 | 0.315 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 23.093 | 252 | 10712 | 0.304 | ng/ul | 98 |
| 26) Benzo(a)pyrene | 23.657 | 252 | 9537 | 0.310 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 26.179 | 276 | 10843 | 0.300 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 26.196 | 278 | 8689 | 0.294 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 26.917 | 276 | 9471 | 0.288 | ng/ul | 100 |

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

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