Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081422\
Data File : BN021224.D
Acq On : 14 Aug 2022 19:16
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4289

Quant Time: Aug 15 00:42:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 13 04:02:44 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.793 | 152 | 2899 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.578 | 136 | 10229 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.432 | 164 | 5920 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.187 | 188 | 10832 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.392 | 240 | 7341 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.719 | 264 | 5645 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.194 | 96 | 1445 | 0.390 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.184 | 152 | 5973 | 0.399 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.225 | 212 | 11195 | 0.494 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.228 | 88 | 1485 | 0.389 | ng/ul# | 89 |
| 5) Naphthalene | 10.628 | 128 | 11035 | 0.351 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.256 | 142 | 6725 | 0.353 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.476 | 142 | 7486 | 0.393 | ng/ul | 100 |
| 10) Acenaphthylene | 14.155 | 152 | 9687 | 0.350 | ng/ul | 99 |
| 11) Acenaphthene | 14.497 | 153 | 7839 | 0.342 | ng/ul | 98 |
| 12) Fluorene | 15.492 | 166 | 8443 | 0.337 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.858 | 266 | 418 | 0.250 | ng/ul | 98 |
| 15) Phenanthrene | 17.229 | 178 | 13036 | 0.336 | ng/ul | 99 |
| 16) Anthracene | 17.326 | 178 | 10447 | 0.348 | ng/ul | 99 |
| 19) Fluoranthene | 19.257 | 202 | 13630 | 0.420 | ng/ul | 100 |
| 20) Pyrene | 19.620 | 202 | 13969 | 0.416 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.378 | 228 | 7877 | 0.329 | ng/ul | 99 |
| 22) Chrysene | 21.427 | 228 | 10068 | 0.319 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.011 | 252 | 8447 | 0.323 | ng/ul | 96 |
| 25) Benzo(k)fluoranthene | 23.058 | 252 | 8909 | 0.323 | ng/ul | 99 |
| 26) Benzo(a)pyrene | 23.617 | 252 | 8071 | 0.339 | ng/ul# | 88 |
| 27) Indeno(1,2,3-cd)pyrene | 26.132 | 276 | 8471 | 0.298 | ng/ul | 98 |
| 28) Dibenzo(a,h)anthracene | 26.146 | 278 | 6516 | 0.290 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 26.863 | 276 | 7762 | 0.306 | ng/ul | 98 |

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

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