Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025922.D
Acq On : 21 Jun 2023 20:58
Operator : MA/JU
Sample : SSTD0.409
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4225

Quant Time: Jun 22 01:21:03 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:10:16 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.984 | 152 | 7888 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.798 | 136 | 22782 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.621 | 164 | 13460 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.364 | 188 | 28612 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.546 | 240 | 20683 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.019 | 264 | 20858 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.339 | 96 | 3609 | 0.465 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.382 | 152 | 14131 | 0.489 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.391 | 212 | 30043 | 0.461 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.373 | 88 | 3757 | 0.453 | ng/ul | 100 |
| 5) Naphthalene | 10.847 | 128 | 26364 | 0.455 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.453 | 142 | 16816 | 0.482 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.673 | 142 | 17400 | 0.454 | ng/ul | 100 |
| 10) Acenaphthylene | 14.344 | 152 | 25205 | 0.474 | ng/ul | 100 |
| 11) Acenaphthene | 14.681 | 153 | 20815 | 0.469 | ng/ul | 100 |
| 12) Fluorene | 15.667 | 166 | 23968 | 0.485 | ng/ul | 100 |
| 14) Pentachlorophenol | 17.018 | 266 | 4169 | 1.354 | ng/ul | 100 |
| 15) Phenanthrene | 17.406 | 178 | 37950 | 0.455 | ng/ul | 100 |
| 16) Anthracene | 17.499 | 178 | 33856 | 0.480 | ng/ul | 100 |
| 19) Fluoranthene | 19.419 | 202 | 42289 | 0.447 | ng/ul | 100 |
| 20) Pyrene | 19.782 | 202 | 44173 | 0.451 | ng/ul | 100 |
| 21) Benzo(a)anthracene | 21.532 | 228 | 34184 | 0.518 | ng/ul | 100 |
| 22) Chrysene | 21.584 | 228 | 35839 | 0.475 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.256 | 252 | 35305 | 0.414 | ng/ul | 100 |
| 25) Benzo(k)fluoranthene | 23.309 | 252 | 35851 | 0.419 | ng/ul | 100 |
| 26) Benzo(a)pyrene | 23.908 | 252 | 30654 | 0.424 | ng/ul | 100 |
| 27) Indeno(1,2,3-cd)pyrene | 26.594 | 276 | 34355 | 0.417 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 26.621 | 278 | 25874 | 0.415 | ng/ul | 100 |
| 29) Benzo(g,h,i)perylene | 27.386 | 276 | 30546 | 0.413 | ng/ul | 100 |

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

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