Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103122\
Data File : BN022408.D
Acq On : 31 Oct 2022 20:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4332

Quant Time: Nov 01 01:40:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 01:09:32 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.932 | 152 | 3334 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.756 | 136 | 10807 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.600 | 164 | 6051 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.357 | 188 | 12018 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.558 | 240 | 7385 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.005 | 264 | 5139 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.240 | 96 | 1686 | 0.389 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.351 | 152 | 6348 | 0.388 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.393 | 212 | 10748 | 0.434 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.278 | 88 | 1808 | 0.406 | ng/ul | 92 |
| 5) Naphthalene | 10.805 | 128 | 12477 | 0.391 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.428 | 142 | 7763 | 0.386 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.648 | 142 | 8010 | 0.387 | ng/ul | 100 |
| 10) Acenaphthylene | 14.322 | 152 | 10329 | 0.380 | ng/ul | 99 |
| 11) Acenaphthene | 14.665 | 153 | 8800 | 0.384 | ng/ul | 99 |
| 12) Fluorene | 15.655 | 166 | 9640 | 0.362 | ng/ul | 99 |
| 14) Pentachlorophenol | 17.011 | 266 | 1182 | 0.414 | ng/ul | 100 |
| 15) Phenanthrene | 17.400 | 178 | 15079 | 0.374 | ng/ul | 99 |
| 16) Anthracene | 17.493 | 178 | 12420 | 0.365 | ng/ul | 99 |
| 19) Fluoranthene | 19.421 | 202 | 14580 | 0.431 | ng/ul | 100 |
| 20) Pyrene | 19.788 | 202 | 14478 | 0.426 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.541 | 228 | 10385 | 0.375 | ng/ul | 99 |
| 22) Chrysene | 21.596 | 228 | 11091 | 0.378 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.254 | 252 | 9982 | 0.387 | ng/ul | 91 |
| 25) Benzo(k)fluoranthene | 23.303 | 252 | 9405 | 0.375 | ng/ul# | 94 |
| 26) Benzo(a)pyrene | 23.897 | 252 | 8216 | 0.399 | ng/ul# | 84 |
| 27) Indeno(1,2,3-cd)pyrene | 26.571 | 276 | 10163 | 0.397 | ng/ul | 97 |
| 28) Dibenzo(a,h)anthracene | 26.595 | 278 | 7940 | 0.389 | ng/ul | 95 |
| 29) Benzo(g,h,i)perylene | 27.363 | 276 | 8354 | 0.401 | ng/ul | 98 |

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

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