Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006258.D
Acq On : 11 Jun 2019 22:06
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD0.499

Quant Time: Jun 12 01:12:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 6074 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.42 | 136 | 24436 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.30 | 164 | 11599 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.05 | 188 | 20385 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.27 | 240 | 13456 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.50 | 264 | 15371 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.02 | 152 | 14526 | 0.39 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.09 | 212 | 20612 | 0.38 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.47 | 128 | 27730 | 0.411 | ng/ul | 100 |
| 5) 2-Methylnaphthalene | 12.10 | 142 | 18193 | 0.387 | ng/ul | 99 |
| 7) Acenaphthylene | 14.01 | 152 | 25715 | 0.399 | ng/ul | 100 |
| 8) Acenaphthene | 14.36 | 153 | 18464 | 0.413 | ng/ul | 99 |
| 9) Fluorene | 15.35 | 166 | 18678 | 0.357 | ng/ul | 98 |
| 11) Pentachlorophenol | 16.71 | 266 | 1679 | 0.324 | ng/ul | 97 |
| 12) Phenanthrene | 17.09 | 178 | 25852 | 0.395 | ng/ul | 99 |
| 13) Anthracene | 17.18 | 178 | 22624 | 0.362 | ng/ul | 99 |
| 15) Fluoranthene | 19.12 | 202 | 27143 | 0.376 | ng/ul | 96 |
| 17) Pyrene | 19.49 | 202 | 28339 | 0.400 | ng/ul | 100 |
| 18) Benzo(a)anthracene | 21.25 | 228 | 22598 | 0.380 | ng/ul | 99 |
| 19) Chrysene | 21.30 | 228 | 26139 | 0.468 | ng/ul | 99 |
| 21) Benzo(b)fluoranthene | 22.83 | 252 | 24040 | 0.375 | ng/ul | 98 |
| 22) Benzo(k)fluoranthene | 22.87 | 252 | 26152 | 0.419 | ng/ul | 97 |
| 23) Benzo(a)pyrene | 23.40 | 252 | 24628 | 0.413 | ng/ul# | 93 |
| 24) Indeno(1,2,3-cd)pyrene | 25.73 | 276 | 28590 | 0.442 | ng/ul# | 98 |
| 25) Dibenzo(a,h)anthracene | 25.74 | 278 | 22543 | 0.436 | ng/ul | 94 |
| 26) Benzo(g,h,i)perylene | 26.41 | 276 | 24544 | 0.454 | ng/ul | 96 |

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

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