Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012521\
Data File : BN013479.D
Acq On : 26 Jan 2021 00:16
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTD0.4007

Quant Time: Jan 26 00:45:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 22:48:38 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.574 | 152 | 4683 | 0.40 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.334 | 136 | 17031 | 0.40 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.204 | 164 | 8763 | 0.40 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.954 | 188 | 18191 | 0.40 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.151 | 240 | 15659 | 0.40 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.320 | 264 | 14062 | 0.40 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.174 | 96 | 1856 | 0.39 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.929 | 152 | 9700 | 0.39 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.986 | 212 | 17899 | 0.38 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.207 | 88 | 1792 | 0.38 | ng/ul | 98 |
| 5) Naphthalene | 10.378 | 128 | 18751 | 0.39 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.001 | 142 | 12492 | 0.39 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.226 | 142 | 11975 | 0.39 | ng/ul | 100 |
| 10) Acenaphthylene | 13.922 | 152 | 14315 | 0.39 | ng/ul | 100 |
| 11) Acenaphthene | 14.264 | 153 | 12237 | 0.39 | ng/ul | 99 |
| 12) Fluorene | 15.259 | 166 | 13555 | 0.39 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.603 | 266 | 840 | 0.38 | ng/ul | 97 |
| 15) Phenanthrene | 16.992 | 178 | 22495 | 0.38 | ng/ul | 100 |
| 16) Anthracene | 17.085 | 178 | 18357 | 0.39 | ng/ul | 99 |
| 19) Fluoranthene | 19.019 | 202 | 23717 | 0.38 | ng/ul | 99 |
| 20) Pyrene | 19.381 | 202 | 23931 | 0.38 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.137 | 228 | 19138 | 0.39 | ng/ul | 99 |
| 22) Chrysene | 21.186 | 228 | 23593 | 0.39 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.674 | 252 | 22346 | 0.36 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 22.717 | 252 | 23891 | 0.37 | ng/ul | 100 |
| 26) Benzo(a)pyrene | 23.226 | 252 | 18130 | 0.38 | ng/ul | 99 |
| 27) Indeno(1,2,3-cd)pyrene | 25.480 | 276 | 24916 | 0.37 | ng/ul# | 81 |
| 28) Dibenzo(a,h)anthracene | 25.493 | 278 | 20166 | 0.37 | ng/ul | 99 |
| 29) Benzo(g,h,i)perylene | 26.134 | 276 | 21492 | 0.36 | ng/ul | 99 |

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

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