Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062922\
Data File : BN020582.D
Acq On : 29 Jun 2022 23:24
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD0.4384

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 07/01/2022
Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 30 01:41:39 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 00:17:34 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.741 | 152 | 3484 | 0.400 | ng/ul | -0.01 |
| 4) Naphthalene-d8 | 10.524 | 136 | 11512 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.368 | 164 | 6660 | 0.400 | ng/ul | -0.01 |
| 13) Phenanthrene-d10 | 17.111 | 188 | 12792 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.300 | 240 | 9442 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.583 | 264 | 7091 | 0.400 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.197 | 96 | 822 | 0.204 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.124 | 152 | 3307 | 0.175 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.146 | 212 | 6569 | 0.211 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.231 | 88 | 845m | 0.205 | ng/ul | |
| 5) Naphthalene | 10.573 | 128 | 7978 | 0.224 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.195 | 142 | 4861 | 0.204 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.410 | 142 | 4055 | 0.180 | ng/ul | 100 |
| 10) Acenaphthylene | 14.090 | 152 | 6906 | 0.219 | ng/ul | 99 |
| 11) Acenaphthene | 14.432 | 153 | 5656 | 0.224 | ng/ul | 99 |
| 12) Fluorene | 15.422 | 166 | 6212 | 0.207 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.786 | 266 | 296 | 0.115 | ng/ul | 98 |
| 15) Phenanthrene | 17.154 | 178 | 10202 | 0.229 | ng/ul | 100 |
| 16) Anthracene | 17.246 | 178 | 8196 | 0.214 | ng/ul | 99 |
| 19) Fluoranthene | 19.174 | 202 | 10560 | 0.245 | ng/ul | 100 |
| 20) Pyrene | 19.536 | 202 | 10930 | 0.244 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.286 | 228 | 6830 | 0.201 | ng/ul | 100 |
| 22) Chrysene | 21.338 | 228 | 8618 | 0.228 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.893 | 252 | 7134 | 0.217 | ng/ul | 92 |
| 25) Benzo(k)fluoranthene | 22.937 | 252 | 7471 | 0.226 | ng/ul | 96 |
| 26) Benzo(a)pyrene | 23.481 | 252 | 6675 | 0.224 | ng/ul# | 86 |
| 27) Indeno(1,2,3-cd)pyrene | 25.916 | 276 | 6762 | 0.228 | ng/ul# | 93 |
| 28) Dibenzo(a,h)anthracene | 25.933 | 278 | 5379 | 0.224 | ng/ul | 95 |
| 29) Benzo(g,h,i)perylene | 26.631 | 276 | 6074 | 0.238 | ng/ul | 98 |

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

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