Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039799.D
Acq On : 02 May 2023 13:17
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4094

Quant Time: May 03 04:15:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 18:41:11 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.804 | 152 | 3085 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.600 | 136 | 12192 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.446 | 164 | 7556 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.204 | 188 | 15295 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.404 | 240 | 12624 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.760 | 264 | 10694 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.184 | 96 | 1734 | 0.381 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.201 | 152 | 6239 | 0.399 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.238 | 212 | 14437 | 0.425 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.222 | 88 | 2007 | 0.426 | ng/ul# | 51 |
| 5) Naphthalene | 10.650 | 128 | 11622 | 0.380 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.272 | 142 | 7118 | 0.403 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.487 | 142 | 7611 | 0.402 | ng/ul | 99 |
| 10) Acenaphthylene | 14.168 | 152 | 12428 | 0.425 | ng/ul | 100 |
| 11) Acenaphthene | 14.511 | 153 | 9039 | 0.393 | ng/ul | 98 |
| 12) Fluorene | 15.505 | 166 | 9992 | 0.392 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.887 | 266 | 1591 | 0.477 | ng/ul | 98 |
| 15) Phenanthrene | 17.246 | 178 | 15471 | 0.384 | ng/ul | 100 |
| 16) Anthracene | 17.343 | 178 | 13828 | 0.400 | ng/ul | 99 |
| 19) Fluoranthene | 19.271 | 202 | 19549 | 0.434 | ng/ul | 99 |
| 20) Pyrene | 19.634 | 202 | 22299 | 0.458 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.389 | 228 | 15078 | 0.415 | ng/ul | 97 |
| 22) Chrysene | 21.442 | 228 | 15922 | 0.388 | ng/ul | 97 |
| 24) Benzo(b)fluoranthene | 23.043 | 252 | 13717 | 0.365 | ng/ul | 88 |
| 25) Benzo(k)fluoranthene | 23.087 | 252 | 13956 | 0.365 | ng/ul# | 88 |
| 26) Benzo(a)pyrene | 23.657 | 252 | 12294 | 0.365 | ng/ul# | 87 |
| 27) Indeno(1,2,3-cd)pyrene | 26.202 | 276 | 14527 | 0.341 | ng/ul | 99 |
| 28) Dibenzo(a,h)anthracene | 26.213 | 278 | 11335 | 0.343 | ng/ul# | 85 |
| 29) Benzo(g,h,i)perylene | 26.947 | 276 | 12542 | 0.338 | ng/ul | 90 |

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

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