Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032421\
Data File : BM029200.D
Acq On : 24 Mar 2021 09:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD0.4010

Quant Time: Mar 24 10:08:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 11:05:06 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 1942 | 0.40 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.55 | 136 | 5993 | 0.40 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.39 | 164 | 2824 | 0.40 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.12 | 188 | 5643 | 0.40 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.29 | 240 | 5620 | 0.40 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.52 | 264 | 5579 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.30 | 96 | 644 | 0.39 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.13 | 152 | 3423 | 0.39 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.14 | 212 | 5660 | 0.39 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.33 | 88 | 723 | 0.395 | ng/ul# | 80 |
| 5) Naphthalene | 10.59 | 128 | 7038 | 0.399 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.21 | 142 | 4506 | 0.388 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.43 | 142 | 4317 | 0.389 | ng/ul | 100 |
| 10) Acenaphthylene | 14.11 | 152 | 4848 | 0.392 | ng/ul | 99 |
| 11) Acenaphthene | 14.45 | 153 | 4341 | 0.405 | ng/ul | 100 |
| 12) Fluorene | 15.43 | 166 | 4648 | 0.389 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.77 | 266 | 582 | 0.387 | ng/ul | 100 |
| 15) Phenanthrene | 17.16 | 178 | 7274 | 0.403 | ng/ul | 99 |
| 16) Anthracene | 17.25 | 178 | 6044 | 0.391 | ng/ul | 99 |
| 19) Fluoranthene | 19.17 | 202 | 7363 | 0.387 | ng/ul | 97 |
| 20) Pyrene | 19.53 | 202 | 7333 | 0.385 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.27 | 228 | 6265 | 0.374 | ng/ul | 99 |
| 22) Chrysene | 21.32 | 228 | 7333 | 0.384 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 22.85 | 252 | 7835 | 0.389 | ng/ul | 97 |
| 25) Benzo(k)fluoranthene | 22.89 | 252 | 8071 | 0.383 | ng/ul | 99 |
| 26) Benzo(a)pyrene | 23.42 | 252 | 6286 | 0.381 | ng/ul | 95 |
| 27) Indeno(1,2,3-cd)pyrene | 25.78 | 276 | 9917 | 0.384 | ng/ul# | 99 |
| 28) Dibenzo(a,h)anthracene | 25.79 | 278 | 8347 | 0.385 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 26.46 | 276 | 8176 | 0.392 | ng/ul | 99 |

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

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