Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
Data File : BM025102.D
Acq On : 27 Feb 2020 06:05
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 66 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD0.489

Quant Time: Feb 27 06:51:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 27 05:28:30 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 2527 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.46 | 136 | 9459 | 0.40 | ng/ul | -0.01 |
| 6) Acenaphthene-d10 | 14.32 | 164 | 5711 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.06 | 188 | 12971 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.24 | 240 | 13313 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.44 | 264 | 15015 | 0.40 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.05 | 152 | 6734 | 0.38 | ng/ul | -0.01 |
| 14) Fluoranthene-d10 | 19.09 | 212 | 16966 | 0.38 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.51 | 128 | 11530 | 0.400 | ng/ul# | 84 |
| 5) 2-Methylnaphthalene | 12.13 | 142 | 7924 | 0.381 | ng/ul | 99 |
| 7) Acenaphthylene | 14.03 | 152 | 12158 | 0.369 | ng/ul | 95 |
| 8) Acenaphthene | 14.38 | 153 | 8599 | 0.389 | ng/ul | 99 |
| 9) Fluorene | 15.37 | 166 | 10241 | 0.369 | ng/ul | 97 |
| 11) Pentachlorophenol | 16.71 | 266 | 1426 | 0.360 | ng/ul | 97 |
| 12) Phenanthrene | 17.10 | 178 | 17530 | 0.384 | ng/ul | 96 |
| 13) Anthracene | 17.19 | 178 | 16029 | 0.362 | ng/ul | 95 |
| 15) Fluoranthene | 19.12 | 202 | 21756 | 0.328 | ng/ul | 96 |
| 17) Pyrene | 19.48 | 202 | 21816 | 0.364 | ng/ul | 96 |
| 18) Benzo(a)anthracene | 21.23 | 228 | 21681 | 0.377 | ng/ul | 98 |
| 19) Chrysene | 21.28 | 228 | 22504 | 0.393 | ng/ul | 98 |
| 21) Benzo(b)fluoranthene | 22.79 | 252 | 23657 | 0.402 | ng/ul | 93 |
| 22) Benzo(k)fluoranthene | 22.83 | 252 | 24315 | 0.417 | ng/ul | 97 |
| 23) Benzo(a)pyrene | 23.34 | 252 | 21365 | 0.398 | ng/ul# | 94 |
| 24) Indeno(1,2,3-cd)pyrene | 25.63 | 276 | 28177 | 0.419 | ng/ul# | 100 |
| 25) Dibenzo(a,h)anthracene | 25.65 | 278 | 23513 | 0.416 | ng/ul | 96 |
| 26) Benzo(g,h,i)perylene | 26.29 | 276 | 23603 | 0.416 | ng/ul# | 93 |

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

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