Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
Data File : BM025271.D
Acq On : 05 Mar 2020 04:24
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD0.434

Quant Time: Mar 05 13:37:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 3437 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.44 | 136 | 13834 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.30 | 164 | 9807 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.04 | 188 | 23646 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.23 | 240 | 20158 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.42 | 264 | 16991 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.04 | 152 | 9232 | 0.36 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.07 | 212 | 25362 | 0.33 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.49 | 128 | 14852 | 0.357 | ng/ul# | 82 |
| 5) 2-Methylnaphthalene | 12.11 | 142 | 10740 | 0.354 | ng/ul | 99 |
| 7) Acenaphthylene | 14.02 | 152 | 15812 | 0.344 | ng/ul | 93 |
| 8) Acenaphthene | 14.36 | 153 | 12691 | 0.356 | ng/ul | 99 |
| 9) Fluorene | 15.35 | 166 | 15585 | 0.349 | ng/ul | 96 |
| 11) Pentachlorophenol | 16.70 | 266 | 1475 | 0.238 | ng/ul | 99 |
| 12) Phenanthrene | 17.08 | 178 | 26952 | 0.353 | ng/ul | 96 |
| 13) Anthracene | 17.17 | 178 | 23795 | 0.352 | ng/ul | 96 |
| 15) Fluoranthene | 19.10 | 202 | 31888 | 0.334 | ng/ul | 94 |
| 17) Pyrene | 19.46 | 202 | 31235 | 0.409 | ng/ul# | 94 |
| 18) Benzo(a)anthracene | 21.21 | 228 | 27094 | 0.366 | ng/ul | 98 |
| 19) Chrysene | 21.26 | 228 | 29302 | 0.360 | ng/ul | 98 |
| 21) Benzo(b)fluoranthene | 22.76 | 252 | 24472 | 0.360 | ng/ul | 93 |
| 22) Benzo(k)fluoranthene | 22.81 | 252 | 26826 | 0.376 | ng/ul# | 98 |
| 23) Benzo(a)pyrene | 23.32 | 252 | 20332 | 0.356 | ng/ul# | 94 |
| 24) Indeno(1,2,3-cd)pyrene | 25.59 | 276 | 25936 | 0.365 | ng/ul# | 100 |
| 25) Dibenzo(a,h)anthracene | 25.61 | 278 | 21555 | 0.366 | ng/ul# | 94 |
| 26) Benzo(g,h,i)perylene | 26.26 | 276 | 21237 | 0.352 | ng/ul# | 91 |

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

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