Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120916\
Data File : BM008204.D
Acq On : 09 Dec 2016 12:11
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD0.436

Quant Time: Dec 09 15:01:20 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 14:43:27 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.74 | 152 | 328 | 0.40 | ng/ul | 0.02 |
| 2) Naphthalene-d8 | 10.51 | 136 | 1108 | 0.40 | ng/ul | 0.01 |
| 6) Acenaphthene-d10 | 14.35 | 164 | 589 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.11 | 188 | 1030 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.30 | 240 | 967 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.55 | 264 | 991 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.12 | 152 | 603 | 0.38 | ng/ul | 0.01 |
| 14) Fluoranthene-d10 | 19.14 | 212 | 1029 | 0.35 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.56 | 128 | 1175 | 0.38 | ng/ul# | 81 |
| 5) 2-Methylnaphthalene | 12.19 | 142 | 731 | 0.37 | ng/ul | 95 |
| 7) Acenaphthylene | 14.07 | 152 | 928 | 0.35 | ng/ul# | 83 |
| 8) Acenaphthene | 14.40 | 153 | 798 | 0.39 | ng/ul# | 89 |
| 9) Fluorene | 15.43 | 166 | 831 | 0.36 | ng/ul# | 92 |
| 11) Pentachlorophenol | 16.80 | 266 | 122 | 0.34 | ng/ul | 99 |
| 12) Phenanthrene | 17.14 | 178 | 1171 | 0.37 | ng/ul# | 87 |
| 13) Anthracene | 17.26 | 178 | 1134 | 0.38 | ng/ul# | 87 |
| 15) Fluoranthene | 19.17 | 202 | 1455 | 0.35 | ng/ul | 91 |
| 17) Pyrene | 19.53 | 202 | 1510 | 0.45 | ng/ul# | 91 |
| 18) Benzo(a)anthracene | 21.28 | 228 | 1217 | 0.41 | ng/ul | 91 |
| 19) Chrysene | 21.34 | 228 | 1389 | 0.38 | ng/ul | 92 |
| 21) Benzo(b)fluoranthene | 22.87 | 252 | 1374 | 0.35 | ng/ul | 91 |
| 22) Benzo(k)fluoranthene | 22.91 | 252 | 1531 | 0.38 | ng/ul# | 91 |
| 23) Benzo(a)pyrene | 23.45 | 252 | 1387 | 0.37 | ng/ul# | 88 |
| 24) Indeno(1,2,3-cd)pyrene | 25.81 | 276 | 1683 | 0.37 | ng/ul# | 93 |
| 25) Dibenzo(a,h)anthracene | 25.82 | 278 | 1312 | 0.36 | ng/ul# | 82 |
| 26) Benzo(g,h,i)perylene | 26.48 | 276 | 1543 | 0.38 | ng/ul# | 93 |

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

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