Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081516\
Data File : BM007116.D
Acq On : 15 Aug 2016 13:47
Operator : UM/SJ
Sample : SSTD0.837
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :**

Quant Time: Aug 15 15:00:31 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM081516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 14:59:57 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 1861 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.60 | 136 | 6588 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.43 | 164 | 3170 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.18 | 188 | 6756 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.36 | 240 | 6727 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.63 | 264 | 6622 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.18 | 152 | 6546 | 0.78 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.21 | 212 | 12630 | 0.70 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.65 | 128 | 13216 | 0.80 | ng/ul | 98 |
| 5) 2-Methylnaphthalene | 12.26 | 142 | 8908 | 0.79 | ng/ul | 100 |
| 7) Acenaphthylene | 14.14 | 152 | 13509 | 0.74 | ng/ul | 99 |
| 8) Acenaphthene | 14.50 | 153 | 8876 | 0.81 | ng/ul | 99 |
| 9) Fluorene | 15.50 | 166 | 10126 | 0.78 | ng/ul | 99 |
| 11) Pentachlorophenol | 16.83 | 266 | 1346 | 1.58 | ng/ul | 95 |
| 12) Phenanthrene | 17.31 | 178 | 14991 | 0.80 | ng/ul | 98 |
| 13) Anthracene | 17.31 | 178 | 15384 | 0.86 | ng/ul | 98 |
| 15) Fluoranthene | 19.23 | 202 | 18604 | 0.71 | ng/ul | 98 |
| 17) Pyrene | 19.60 | 202 | 19575 | 0.96 | ng/ul | 99 |
| 18) Benzo(a)anthracene | 21.35 | 228 | 17933 | 0.97 | ng/ul | 99 |
| 19) Chrysene | 21.40 | 228 | 17061 | 0.92 | ng/ul | 99 |
| 21) Benzo(b)fluoranthene | 22.94 | 252 | 21171 | 0.93 | ng/ul | 98 |
| 22) Benzo(k)fluoranthene | 23.00 | 252 | 16519 | 0.77 | ng/ul | 97 |
| 23) Benzo(a)pyrene | 23.53 | 252 | 18123 | 0.86 | ng/ul | 96 |
| 24) Indeno(1,2,3-cd)pyrene | 25.93 | 276 | 21901 | 0.83 | ng/ul# | 94 |
| 25) Dibenzo(a,h)anthracene | 25.95 | 278 | 17369 | 0.88 | ng/ul | 96 |
| 26) Benzo(g,h,i)perylene | 26.62 | 276 | 18378 | 0.86 | ng/ul | 96 |

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

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