Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020615\
Data File : BM000437.D
Acq On : 06 Feb 2015 17:08
Operator : TP/IZ
Sample : SSTD0.282
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**LabSampleId :** SSTD0.282

Quant Time: Feb 07 00:44:09 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM020615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 07 00:33:38 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 1892 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.51 | 136 | 6203 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.38 | 164 | 4112 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.12 | 188 | 7620 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.31 | 240 | 6504 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.56 | 264 | 5819 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.12 | 152 | 1794 | 0.08 | ng/ul | 0.01 |
| 14) Fluoranthene-d10 | 19.15 | 212 | 3705 | 0.24 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.56 | 128 | 3614 | 0.25 | ng/ul | 97 |
| 5) 2-Methylnaphthalene | 12.18 | 142 | 2471 | 0.27 | ng/ul# | 100 |
| 7) Acenaphthylene | 14.10 | 152 | 3362 | 0.06 | ng/ul | 98 |
| 8) Acenaphthene | 14.43 | 153 | 2653 | 0.07 | ng/ul | 99 |
| 9) Fluorene | 15.43 | 166 | 3142 | 0.24 | ng/ul | 99 |
| 11) Pentachlorophenol | 16.79 | 266 | 59 | 0.17 | ng/ul# | 100 |
| 12) Phenanthrene | 17.16 | 178 | 4991 | 0.08 | ng/ul | 97 |
| 13) Anthracene | 17.26 | 178 | 4441 | 0.07 | ng/ul | 96 |
| 15) Fluoranthene | 19.19 | 202 | 5743 | 0.08 | ng/ul | 98 |
| 17) Pyrene | 19.55 | 202 | 5890 | 0.11 | ng/ul | 98 |
| 18) Benzo(a)anthracene | 21.30 | 228 | 4409 | 0.09 | ng/ul# | 91 |
| 19) Chrysene | 21.35 | 228 | 5301 | 0.10 | ng/ul | 92 |
| 21) Benzo(b)fluoranthene | 22.88 | 252 | 5054 | 0.04 | ng/ul | 90 |
| 22) Benzo(k)fluoranthene | 22.93 | 252 | 4652 | 0.04 | ng/ul | 91 |
| 23) Benzo(a)pyrene | 23.46 | 252 | 4513 | 0.04 | ng/ul# | 88 |
| 24) Indeno(1,2,3-cd)pyrene | 25.82 | 276 | 5180 | 0.12 | ng/ul# | 92 |
| 25) Dibenzo(a,h)anthracene | 25.84 | 278 | 4029 | 0.30 | ng/ul | 93 |
| 26) Benzo(g,h,i)perylene | 26.51 | 276 | 4628 | 0.10 | ng/ul | 95 |

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

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