Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM110416\
Data File : BM007762.D
Acq On : 04 Nov 2016 19:45
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD0.435

Quant Time: Nov 04 22:16:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 23:14:40 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 1142 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.54 | 136 | 3795 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.38 | 164 | 1923 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.12 | 188 | 3643 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.32 | 240 | 3304 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.58 | 264 | 3296 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.13 | 152 | 1980 | 0.44 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.16 | 212 | 3852 | 0.47 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.58 | 128 | 4132 | 0.42 | ng/ul | 97 |
| 5) 2-Methylnaphthalene | 12.21 | 142 | 2672 | 0.43 | ng/ul | 100 |
| 7) Acenaphthylene | 14.09 | 152 | 3846 | 0.43 | ng/ul | 96 |
| 8) Acenaphthene | 14.43 | 153 | 2712 | 0.39 | ng/ul | 89 |
| 9) Fluorene | 15.44 | 166 | 3002 | 0.39 | ng/ul | 98 |
| 11) Pentachlorophenol | 16.82 | 266 | 449 | 0.53 | ng/ul | 98 |
| 12) Phenanthrene | 17.18 | 178 | 4386 | 0.43 | ng/ul | 95 |
| 13) Anthracene | 17.26 | 178 | 4180 | 0.45 | ng/ul | 98 |
| 15) Fluoranthene | 19.20 | 202 | 6412 | 0.53 | ng/ul | 98 |
| 17) Pyrene | 19.56 | 202 | 5402 | 0.48 | ng/ul | 97 |
| 18) Benzo(a)anthracene | 21.31 | 228 | 4511 | 0.48 | ng/ul | 97 |
| 19) Chrysene | 21.35 | 228 | 4702 | 0.44 | ng/ul | 92 |
| 21) Benzo(b)fluoranthene | 22.89 | 252 | 4972 | 0.44 | ng/ul | 96 |
| 22) Benzo(k)fluoranthene | 22.93 | 252 | 4985 | 0.42 | ng/ul | 99 |
| 23) Benzo(a)pyrene | 23.48 | 252 | 4855 | 0.46 | ng/ul | 94 |
| 24) Indeno(1,2,3-cd)pyrene | 25.84 | 276 | 5841 | 0.46 | ng/ul | 99 |
| 25) Dibenzo(a,h)anthracene | 25.85 | 278 | 4591 | 0.45 | ng/ul | 96 |
| 26) Benzo(g,h,i)perylene | 26.54 | 276 | 5086 | 0.44 | ng/ul | 98 |

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

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