Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012916\
Data File : BM004145.D
Acq On : 29 Jan 2016 13:34
Operator : SJ/IZ
Sample : SSTD3.253
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD3.253

Quant Time: Jan 29 14:08:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:08:00 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 1512 | 0.40 | ng/ul | -0.02 |
| 4) Naphthalene-d8 | 10.45 | 136 | 6895 | 0.40 | ng/ul | 0.00 |
| 8) Acenaphthene-d10 | 14.31 | 164 | 4441 | 0.40 | ng/ul | 0.00 |
| 12) Phenanthrene-d10 | 17.16 | 188 | 544413 | 0.40 | ng/ul | 0.09 |
| 18) Chrysene-d12 | 21.28 | 240 | 13225 | 0.40 | ng/ul | 0.00 |
| 22) Perylene-d12 | 23.37 | 264 | 696863 | 0.40 | ng/ul | -0.15 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.12 | 96 | 9561 | 14.79 | ng/uL | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.05 | 152 | 26362 | 3.19 | ng/ul | -0.01 |
| 16) Fluoranthene-d10 | 19.11 | 212 | 79463 | 0.07 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 3) 1,4-Dioxane | 3.15 | 88 | 11727 | 14.25 | ng/ul# | 12 |
| 5) Naphthalene | 10.50 | 128 | 47884 | 3.08 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.12 | 142 | 35041 | 3.36 | ng/ul | 99 |
| 9) Acenaphthylene | 14.02 | 152 | 56854 | 3.35 | ng/ul | 98 |
| 10) Acenaphthene | 14.37 | 153 | 41165 | 3.01 | ng/ul# | 76 |
| 11) Fluorene | 15.38 | 166 | 51847 | 3.42 | ng/ul | 98 |
| 13) Pentachlorophenol | 16.73 | 266 | 4269 | 0.05 | ng/ul | 95 |
| 14) Phenanthrene | 17.19 | 178 | 88707 | 0.06 | ng/ul | 93 |
| 15) Anthracene | 17.19 | 178 | 89055 | 0.07 | ng/ul | 97 |
| 17) Fluoranthene | 19.13 | 202 | 109268 | 0.07 | ng/ul | 93 |
| 19) Pyrene | 19.51 | 202 | 119839 | 3.36 | ng/ul | 94 |
| 20) Benzo(a)anthracene | 21.26 | 228 | 113505 | 3.52 | ng/ul | 97 |
| 21) Chrysene | 21.31 | 228 | 116241 | 3.14 | ng/ul | 96 |
| 23) Benzo(b)fluoranthene | 22.84 | 252 | 121974 | 0.05 | ng/ul | 95 |
| 24) Benzo(k)fluoranthene | 22.84 | 252 | 121974 | 0.06 | ng/ul | 94 |
| 25) Benzo(a)pyrene | 23.41 | 252 | 118981 | 0.06 | ng/ul# | 94 |
| 26) Indeno(1,2,3-cd)pyrene | 25.76 | 276 | 91452 | 0.04 | ng/ul# | 63 |
| 27) Dibenzo(a,h)anthracene | 25.77 | 278 | 70249 | 0.04 | ng/ul | 97 |

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

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