Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061216\
Data File : BM005755.D
Acq On : 12 Jun 2016 19:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02056

Quant Time: Jun 13 03:31:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 13 03:29:45 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.75 | 152 | 93440 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.53 | 136 | 477275 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.39 | 164 | 292031 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.13 | 188 | 650555 | 20.00 | ng/ul | -0.01 |
| 29) Chrysene-d12 | 21.32 | 240 | 501991 | 20.00 | ng/ul | -0.01 |
| 34) Perylene-d12 | 23.57 | 264 | 448933 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.19 | 96 | 14033 | 6.51 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.93 | 99 | 150358 | 18.65 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 7.08 | 67 | 90744 | 18.73 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.28 | 132 | 126657 | 19.43 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.46 | 113 | 133030 | 19.53 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 128 | 67686 | 19.68 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.62 | 143 | 74673 | 19.20 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.17 | 165 | 142554 | 20.21 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.68 | 131 | 193232 | 22.70 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.80 | 166 | 463702 | 19.25 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 14.08 | 160 | 592041 | 20.09 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.63 | 143 | 60852 | 17.27 | ng/ul | -0.01 |
| 21) Fluorene-d10 | 15.39 | 176 | 400715 | 19.65 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 51847 | 15.41 | ng/ul | -0.01 |
| 26) Anthracene-d10 | 17.23 | 188 | 588610 | 19.21 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.53 | 212 | 570522 | 23.65 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.43 | 264 | 414710 | 20.25 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 11) Naphthalene | 10.59 | 128 | 463715 | 19.39 | ng/ul | 100 |
| 13) 2-Methylnaphthalene | 12.20 | 142 | 351527 | 19.55 | ng/ul | 100 |
| 14) 1-Methylnaphthalene | 12.42 | 142 | 350229 | 19.71 | ng/ul | 98 |
| 18) Acenaphthylene | 14.11 | 152 | 588384 | 19.51 | ng/ul | 99 |
| 19) Acenaphthene | 14.46 | 153 | 383073 | 19.51 | ng/ul | 99 |
| 22) Fluorene | 15.44 | 166 | 436861 | 19.51 | ng/ul | 99 |
| 25) Phenanthrene | 17.18 | 178 | 704195 | 19.78 | ng/ul | 99 |
| 27) Anthracene | 17.27 | 178 | 696870 | 19.28 | ng/ul | 99 |
| 28) Fluoranthene | 19.19 | 202 | 739145 | 17.67 | ng/ul | 99 |
| 31) Pyrene | 19.56 | 202 | 714704 | 23.40 | ng/ul | 100 |
| 32) Benzo(a)anthracene | 21.30 | 228 | 574315 | 19.81 | ng/ul | 99 |
| 33) Chrysene | 21.36 | 228 | 556249 | 19.45 | ng/ul | 99 |
| 35) Benzo(b)fluoranthene | 22.89 | 252 | 523391 | 19.62 | ng/ul | 99 |
| 36) Benzo(k)fluoranthene | 22.94 | 252 | 514929 | 19.11 | ng/ul | 99 |
| 38) Benzo(a)pyrene | 23.48 | 252 | 511426 | 20.20 | ng/ul | 98 |
| 39) Indeno(1,2,3-cd)pyrene | 25.86 | 276 | 594070 | 24.04 | ng/ul | 98 |
| 40) Dibenzo(a,h)anthracene | 25.87 | 278 | 501413 | 24.27 | ng/ul | 98 |
| 41) Benzo(g,h,i)perylene | 26.56 | 276 | 499652 | 24.17 | ng/ul | 99 |

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

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