Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062816\
Data File : BM006093.D
Acq On : 28 Jun 2016 13:31
Operator : UM/SJ
Sample : SSTD00542
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 28 15:43:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 15:37:16 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 158635 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.44 | 136 | 744070 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.30 | 164 | 477591 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.06 | 188 | 1156485 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.25 | 240 | 1386008 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.47 | 264 | 1391416 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.17 | 96 | 8445 | 2.46 | ng/uL | 0.00 |
| 3) Phenol-d5 | 0.00 | 99 | 0d | 0.00 | ng/ul | |
| 4) Bis-(2-Chloroethyl)ether-d | 0.00 | 67 | 0d | 0.00 | ng/ul | |
| 5) 2-Chlorophenol-d4 | 7.19 | 132 | 57547 | 5.30 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 0.00 | 113 | 0d | 0.00 | ng/ul | |
| 8) Nitrobenzene-d5 | 8.81 | 128 | 29203 | 5.54 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.53 | 143 | 33219 | 5.67 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.06 | 165 | 62213 | 5.55 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 0.00 | 131 | 0d | 0.00 | ng/ul | |
| 16) Dimethylphthalate-d6 | 13.72 | 166 | 213184 | 5.62 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 14.00 | 160 | 249687 | 5.18 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 0.00 | 143 | 0d | 0.00 | ng/ul | |
| 21) Fluorene-d10 | 15.30 | 176 | 184432 | 5.84 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0d | 0.00 | ng/ul | |
| 26) Anthracene-d10 | 17.15 | 188 | 292101 | 5.45 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.45 | 212 | 339232 | 5.03 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.33 | 264 | 347970 | 5.41 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 11) Naphthalene | 10.49 | 128 | 198453 | 5.35 | ng/ul | 99 |
| 13) 2-Methylnaphthalene | 12.10 | 142 | 152461 | 5.71 | ng/ul | 100 |
| 14) 1-Methylnaphthalene | 12.33 | 142 | 145063 | 5.39 | ng/ul | 98 |
| 18) Acenaphthylene | 14.02 | 152 | 265884 | 5.47 | ng/ul | 99 |
| 19) Acenaphthene | 14.37 | 153 | 170912 | 5.37 | ng/ul | 99 |
| 22) Fluorene | 15.36 | 166 | 207399 | 6.07 | ng/ul | 99 |
| 25) Phenanthrene | 17.10 | 178 | 347790 | 5.48 | ng/ul | 100 |
| 27) Anthracene | 17.19 | 178 | 360676 | 5.74 | ng/ul | 99 |
| 28) Fluoranthene | 19.12 | 202 | 431282 | 6.39 | ng/ul | 98 |
| 31) Pyrene | 19.48 | 202 | 454595 | 5.34 | ng/ul | 98 |
| 32) Benzo(a)anthracene | 21.23 | 228 | 450129 | 5.61 | ng/ul | 99 |
| 33) Chrysene | 21.29 | 228 | 415904 | 5.29 | ng/ul | 98 |
| 35) Benzo(b)fluoranthene | 22.80 | 252 | 477782 | 5.75 | ng/ul | 99 |
| 36) Benzo(k)fluoranthene | 22.84 | 252 | 424435 | 5.52 | ng/ul | 97 |
| 38) Benzo(a)pyrene | 23.37 | 252 | 433172 | 5.46 | ng/ul | 99 |
| 39) Indeno(1,2,3-cd)pyrene | 25.69 | 276 | 443502 | 4.87 | ng/ul | 95 |
| 40) Dibenzo(a,h)anthracene | 25.70 | 278 | 367379 | 4.82 | ng/ul | 98 |
| 41) Benzo(g,h,i)perylene | 26.36 | 276 | 358924 | 4.55 | ng/ul | 98 |

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

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