Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005806.D
Acq On : 15 Jun 2016 04:07
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02041

Quant Time: Jun 15 05:53:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 15 01:42:36 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.74 | 152 | 92046 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.53 | 136 | 451763 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.39 | 164 | 241540 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.13 | 188 | 430024 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.32 | 240 | 449235 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.57 | 264 | 458947 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.19 | 96 | 14238 | 7.16 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.92 | 99 | 150722 | 19.94 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 7.07 | 67 | 90903 | 20.20 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.27 | 132 | 128437 | 20.39 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.46 | 113 | 133694 | 20.93 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 128 | 66859 | 20.90 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.62 | 143 | 76047 | 21.39 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.16 | 165 | 139018 | 20.44 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.67 | 131 | 169445 | 22.67 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.79 | 166 | 389758 | 20.33 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 14.08 | 160 | 490962 | 20.15 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.63 | 143 | 40332 | 18.30 | ng/ul | 0.00 |
| 21) Fluorene-d10 | 15.38 | 176 | 307918 | 19.28 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 36961 | 19.21 | ng/ul | 0.00 |
| 26) Anthracene-d10 | 17.23 | 188 | 396659 | 19.89 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.53 | 212 | 419832 | 19.20 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.43 | 264 | 422303 | 19.92 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 11) Naphthalene | 10.58 | 128 | 445988 | 19.80 | ng/ul | 100 |
| 13) 2-Methylnaphthalene | 12.20 | 142 | 324392 | 20.03 | ng/ul | 99 |
| 14) 1-Methylnaphthalene | 12.42 | 142 | 319300 | 19.53 | ng/ul | 100 |
| 18) Acenaphthylene | 14.11 | 152 | 495034 | 20.15 | ng/ul | 100 |
| 19) Acenaphthene | 14.45 | 153 | 321906 | 20.01 | ng/ul | 99 |
| 22) Fluorene | 15.44 | 166 | 336824 | 19.49 | ng/ul | 99 |
| 25) Phenanthrene | 17.17 | 178 | 468996 | 19.89 | ng/ul | 100 |
| 27) Anthracene | 17.27 | 178 | 470170 | 20.14 | ng/ul | 99 |
| 28) Fluoranthene | 19.19 | 202 | 515212 | 20.52 | ng/ul | 99 |
| 31) Pyrene | 19.56 | 202 | 529171 | 19.18 | ng/ul | 98 |
| 32) Benzo(a)anthracene | 21.30 | 228 | 518447 | 19.95 | ng/ul | 100 |
| 33) Chrysene | 21.35 | 228 | 492402 | 19.33 | ng/ul | 100 |
| 35) Benzo(b)fluoranthene | 22.89 | 252 | 554602 | 20.23 | ng/ul | 99 |
| 36) Benzo(k)fluoranthene | 22.93 | 252 | 492786 | 19.41 | ng/ul | 99 |
| 38) Benzo(a)pyrene | 23.47 | 252 | 520083 | 19.86 | ng/ul | 98 |
| 39) Indeno(1,2,3-cd)pyrene | 25.86 | 276 | 618178 | 20.57 | ng/ul | 99 |
| 40) Dibenzo(a,h)anthracene | 25.86 | 278 | 513955 | 20.45 | ng/ul | 100 |
| 41) Benzo(g,h,i)perylene | 26.56 | 276 | 525272 | 20.19 | ng/ul | 99 |

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

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