Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061016\
Data File : BM005723.D
Acq On : 11 Jun 2016 03:04
Operator : UM/SJ
Sample : SSTD01038
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD01038

Quant Time: Jun 11 05:18:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 11 05:17:22 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.75 | 152 | 66222 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.53 | 136 | 341364 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.39 | 164 | 220552 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.13 | 188 | 518273 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.32 | 240 | 608675 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.57 | 264 | 572255 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.19 | 96 | 6690 | 4.28 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.93 | 99 | 54245 | 9.36 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 7.08 | 67 | 37146 | 10.55 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.28 | 132 | 47492 | 9.92 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.46 | 113 | 45996 | 9.87 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 128 | 24695 | 9.49 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.62 | 143 | 27316 | 9.67 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.17 | 165 | 52481 | 10.47 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.68 | 131 | 70203 | 11.58 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.80 | 166 | 196473 | 11.38 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 14.08 | 160 | 237922 | 10.74 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.63 | 143 | 23702 | 9.50 | ng/ul | 0.00 |
| 21) Fluorene-d10 | 15.38 | 176 | 168405 | 11.38 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 23661 | 9.41 | ng/ul | 0.00 |
| 26) Anthracene-d10 | 17.23 | 188 | 263920 | 10.73 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.53 | 212 | 296923 | 9.83 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.42 | 264 | 279431 | 10.61 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 11) Naphthalene | 10.59 | 128 | 183386 | 10.60 | ng/ul | 99 |
| 13) 2-Methylnaphthalene | 12.20 | 142 | 138590 | 11.32 | ng/ul | 99 |
| 14) 1-Methylnaphthalene | 12.42 | 142 | 138072 | 11.44 | ng/ul | 97 |
| 18) Acenaphthylene | 14.11 | 152 | 245811 | 10.77 | ng/ul | 99 |
| 19) Acenaphthene | 14.45 | 153 | 159133 | 10.72 | ng/ul | 98 |
| 22) Fluorene | 15.44 | 166 | 188423 | 11.60 | ng/ul | 98 |
| 25) Phenanthrene | 17.17 | 178 | 306419 | 10.71 | ng/ul | 99 |
| 27) Anthracene | 17.27 | 178 | 309756 | 10.64 | ng/ul | 99 |
| 28) Fluoranthene | 19.19 | 202 | 365619 | 12.15 | ng/ul | 100 |
| 31) Pyrene | 19.56 | 202 | 381742 | 10.02 | ng/ul | 100 |
| 32) Benzo(a)anthracene | 21.30 | 228 | 375301 | 10.56 | ng/ul | 98 |
| 33) Chrysene | 21.35 | 228 | 372486 | 10.93 | ng/ul | 99 |
| 35) Benzo(b)fluoranthene | 22.89 | 252 | 354763 | 10.31 | ng/ul | 99 |
| 36) Benzo(k)fluoranthene | 22.93 | 252 | 376790 | 11.47 | ng/ul | 100 |
| 38) Benzo(a)pyrene | 23.47 | 252 | 350966 | 10.63 | ng/ul | 100 |
| 39) Indeno(1,2,3-cd)pyrene | 25.86 | 276 | 340214 | 9.02 | ng/ul | 98 |
| 40) Dibenzo(a,h)anthracene | 25.86 | 278 | 286760 | 9.08 | ng/ul | 99 |
| 41) Benzo(g,h,i)perylene | 26.55 | 276 | 275755 | 8.72 | ng/ul | 98 |

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

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