Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061816\
Data File : BM005872.D
Acq On : 17 Jun 2016 21:47
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02058

**Manual Integrations APPROVED**
umangi
6/19/2016 12:14:58 AM

Quant Time: Jun 18 23:57:55 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 10:48:37 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 24753 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.53 | 136 | 108583 | 20.00 | ng/ul | 0.01 |
| 15) Acenaphthene-d10 | 14.39 | 164 | 66233 | 20.00 | ng/ul | 0.01 |
| 23) Phenanthrene-d10 | 17.13 | 188 | 153036 | 20.00 | ng/ul | 0.01 |
| 29) Chrysene-d12 | 21.31 | 240 | 139647 | 20.00 | ng/ul | 0.01 |
| 34) Perylene-d12 | 23.57 | 264 | 124414 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.18 | 96 | 3546 | 18.56 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.93 | 99 | 38251 | 18.46 | ng/ul | 0.02 |
| 4) Bis-(2-Chloroethyl)ether-d | 7.07 | 67 | 19077 | 17.76 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.27 | 132 | 34558 | 20.00 | ng/ul | 0.01 |
| 6) 4-Methylphenol-d8 | 8.47 | 113 | 34507 | 18.63 | ng/ul | 0.02 |
| 8) Nitrobenzene-d5 | 8.90 | 128 | 16876 | 22.02 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.62 | 143 | 19934 | 21.29 | ng/ul | 0.01 |
| 10) 2,4-Dichlorophenol-d3 | 10.17 | 165 | 39340 | 21.27 | ng/ul | 0.01 |
| 12) 4-Chloroaniline-d4 | 10.67 | 131 | 37521m | 29.97 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.79 | 166 | 117255 | 18.71 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 14.08 | 160 | 144827 | 20.06 | ng/ul | 0.01 |
| 20) 4-Nitrophenol-d4 | 14.64 | 143 | 12428 | 16.46 | ng/ul | 0.03 |
| 21) Fluorene-d10 | 15.38 | 176 | 101822 | 19.07 | ng/ul | 0.01 |
| 24) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 10489 | 10.16 | ng/ul | 0.02 |
| 26) Anthracene-d10 | 17.23 | 188 | 155720 | 19.49 | ng/ul | 0.01 |
| 30) Pyrene-d10 | 19.53 | 212 | 158055 | 23.88 | ng/ul | 0.01 |
| 37) Benzo(a)pyrene-d12 | 23.43 | 264 | 124923 | 20.08 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 11) Naphthalene | 10.58 | 128 | 115034 | 19.77 | ng/ul | 100 |
| 13) 2-Methylnaphthalene | 12.20 | 142 | 86970 | 19.61 | ng/ul | 97 |
| 14) 1-Methylnaphthalene | 12.42 | 142 | 86054 | 18.64 | ng/ul | 98 |
| 18) Acenaphthylene | 14.11 | 152 | 145216 | 19.87 | ng/ul | 99 |
| 19) Acenaphthene | 14.45 | 153 | 96954 | 19.88 | ng/ul | 99 |
| 22) Fluorene | 15.44 | 166 | 114662 | 19.39 | ng/ul | 100 |
| 25) Phenanthrene | 17.17 | 178 | 178732 | 19.62 | ng/ul | 99 |
| 27) Anthracene | 17.27 | 178 | 183412 | 19.69 | ng/ul | 99 |
| 28) Fluoranthene | 19.19 | 202 | 197780 | 17.27 | ng/ul | 98 |
| 31) Pyrene | 19.56 | 202 | 197172 | 23.89 | ng/ul | 99 |
| 32) Benzo(a)anthracene | 21.30 | 228 | 174983 | 20.06 | ng/ul | 99 |
| 33) Chrysene | 21.36 | 228 | 164047 | 19.53 | ng/ul | 97 |
| 35) Benzo(b)fluoranthene | 22.90 | 252 | 164052 | 21.18 | ng/ul | 98 |
| 36) Benzo(k)fluoranthene | 22.94 | 252 | 149004 | 19.92 | ng/ul | 100 |
| 38) Benzo(a)pyrene | 23.48 | 252 | 149376 | 19.64 | ng/ul | 99 |
| 39) Indeno(1,2,3-cd)pyrene | 25.87 | 276 | 180573 | 19.43 | ng/ul | 98 |
| 40) Dibenzo(a,h)anthracene | 25.87 | 278 | 149608 | 19.58 | ng/ul | 98 |
| 41) Benzo(g,h,i)perylene | 26.58 | 276 | 147448 | 18.64 | ng/ul | 99 |

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

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