Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005786.D
Acq On : 14 Jun 2016 15:50
Operator : UM/SJ
Sample : SSTD01035
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD01035

Quant Time: Jun 15 01:19:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 15 01:18:34 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.74 | 152 | 61563 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.53 | 136 | 311436 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.39 | 164 | 197646 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.13 | 188 | 449303 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.31 | 240 | 431804 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.57 | 264 | 422102 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.19 | 96 | 5523 | 3.92 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.92 | 99 | 50039 | 9.50 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 7.07 | 67 | 32450 | 10.26 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.27 | 132 | 43494 | 10.18 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.46 | 113 | 43235 | 9.69 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 128 | 21623 | 9.65 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.62 | 143 | 23741 | 9.44 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.17 | 165 | 48905 | 10.59 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.67 | 131 | 62016 | 11.53 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.79 | 166 | 163377 | 10.07 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 14.08 | 160 | 214238 | 10.76 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.63 | 143 | 15714 | 7.12 | ng/ul | 0.00 |
| 21) Fluorene-d10 | 15.38 | 176 | 149234 | 11.04 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 13919 | 6.23 | ng/ul | 0.00 |
| 26) Anthracene-d10 | 17.23 | 188 | 226988 | 10.80 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.53 | 212 | 232340 | 11.22 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.43 | 264 | 207441 | 10.78 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 11) Naphthalene | 10.58 | 128 | 167014 | 10.74 | ng/ul | 100 |
| 13) 2-Methylnaphthalene | 12.20 | 142 | 125000 | 10.80 | ng/ul | 97 |
| 14) 1-Methylnaphthalene | 12.42 | 142 | 128762 | 11.26 | ng/ul | 99 |
| 18) Acenaphthylene | 14.11 | 152 | 218626 | 10.77 | ng/ul | 99 |
| 19) Acenaphthene | 14.45 | 153 | 143183 | 10.83 | ng/ul | 100 |
| 22) Fluorene | 15.43 | 166 | 166383 | 11.25 | ng/ul | 98 |
| 25) Phenanthrene | 17.17 | 178 | 267925 | 10.94 | ng/ul | 100 |
| 27) Anthracene | 17.26 | 178 | 266412 | 10.77 | ng/ul | 99 |
| 28) Fluoranthene | 19.19 | 202 | 291361 | 10.27 | ng/ul | 99 |
| 31) Pyrene | 19.56 | 202 | 296820 | 11.34 | ng/ul | 98 |
| 32) Benzo(a)anthracene | 21.30 | 228 | 264349 | 10.59 | ng/ul | 99 |
| 33) Chrysene | 21.35 | 228 | 263452 | 10.78 | ng/ul | 100 |
| 35) Benzo(b)fluoranthene | 22.89 | 252 | 270351 | 10.72 | ng/ul | 98 |
| 36) Benzo(k)fluoranthene | 22.93 | 252 | 257740 | 10.41 | ng/ul | 99 |
| 38) Benzo(a)pyrene | 23.47 | 252 | 258375 | 10.86 | ng/ul | 99 |
| 39) Indeno(1,2,3-cd)pyrene | 25.86 | 276 | 285647 | 11.85 | ng/ul | 99 |
| 40) Dibenzo(a,h)anthracene | 25.86 | 278 | 242405 | 12.00 | ng/ul | 99 |
| 41) Benzo(g,h,i)perylene | 26.56 | 276 | 243754 | 11.94 | ng/ul | 98 |

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

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