Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006071.D
Acq On : 27 Jun 2016 15:21
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD02039

Quant Time: Jun 28 02:12:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 02:11:41 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 265784 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.44 | 136 | 1336210 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.31 | 164 | 867734 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.06 | 188 | 2128524 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.26 | 240 | 2119731 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.47 | 264 | 1903253 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.17 | 96 | 43103 | 7.24 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.83 | 99 | 521005 | 18.63 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 7.00 | 67 | 299806 | 19.27 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.19 | 132 | 382531 | 19.64 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.37 | 113 | 433985 | 18.39 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.81 | 128 | 202925 | 19.95 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.53 | 143 | 215626 | 19.05 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.06 | 165 | 440506 | 20.29 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.58 | 131 | 552814 | 23.46 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.72 | 166 | 1386286 | 18.66 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 14.00 | 160 | 1780522 | 20.67 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.52 | 143 | 282280 | 17.81 | ng/ul | 0.00 |
| 21) Fluorene-d10 | 15.30 | 176 | 1252834 | 19.75 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 189455 | 16.03 | ng/ul | 0.00 |
| 26) Anthracene-d10 | 17.16 | 188 | 2020758 | 20.67 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.46 | 212 | 2244216 | 24.17 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.33 | 264 | 1790322 | 20.84 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 11) Naphthalene | 10.49 | 128 | 1356747 | 20.32 | ng/ul | 99 |
| 13) 2-Methylnaphthalene | 12.11 | 142 | 1072798 | 19.97 | ng/ul | 98 |
| 14) 1-Methylnaphthalene | 12.33 | 142 | 1008207 | 19.60 | ng/ul | 98 |
| 18) Acenaphthylene | 14.03 | 152 | 1867317 | 20.56 | ng/ul | 99 |
| 19) Acenaphthene | 14.37 | 153 | 1192856 | 20.67 | ng/ul | 98 |
| 22) Fluorene | 15.36 | 166 | 1359855 | 19.56 | ng/ul | 98 |
| 25) Phenanthrene | 17.10 | 178 | 2347477 | 20.50 | ng/ul | 100 |
| 27) Anthracene | 17.19 | 178 | 2419503 | 20.47 | ng/ul | 100 |
| 28) Fluoranthene | 19.12 | 202 | 2870297 | 19.57 | ng/ul | 99 |
| 31) Pyrene | 19.49 | 202 | 2923122 | 24.09 | ng/ul | 97 |
| 32) Benzo(a)anthracene | 21.24 | 228 | 2605786 | 20.69 | ng/ul | 99 |
| 33) Chrysene | 21.29 | 228 | 2399858 | 20.86 | ng/ul | 99 |
| 35) Benzo(b)fluoranthene | 22.81 | 252 | 2441520 | 22.08 | ng/ul | 99 |
| 36) Benzo(k)fluoranthene | 22.86 | 252 | 2269552 | 22.06 | ng/ul | 98 |
| 38) Benzo(a)pyrene | 23.38 | 252 | 2190362 | 20.66 | ng/ul | 99 |
| 39) Indeno(1,2,3-cd)pyrene | 25.70 | 276 | 2274060 | 17.99 | ng/ul | 96 |
| 40) Dibenzo(a,h)anthracene | 25.71 | 278 | 1908518 | 18.16 | ng/ul | 98 |
| 41) Benzo(g,h,i)perylene | 26.38 | 276 | 1940014 | 17.75 | ng/ul | 98 |

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

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