Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070116\
Data File : BM006176.D
Acq On : 01 Jul 2016 11:14
Operator : UM/SJ
Sample : H3780-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9YF4

**Manual Integrations APPROVED**
sohil
7/1/2016 7:16:44 PM

Quant Time: Jul 01 17:44:06 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 314953 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.44 | 136 | 1510605 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.31 | 164 | 867378 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.06 | 188 | 1926784 | 20.00 | ng/ul | 0.01 |
| 29) Chrysene-d12 | 21.27 | 240 | 1374355 | 20.00 | ng/ul | 0.02 |
| 34) Perylene-d12 | 23.50 | 264 | 1465357 | 20.00 | ng/ul | 0.04 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.16 | 96 | 7374 | 1.09 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.84 | 99 | 478310 | 18.59 | ng/ul | 0.01 |
| 4) Bis-(2-Chloroethyl)ether-d | 6.99 | 67 | 276903 | 18.25 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.19 | 132 | 360488 | 18.25 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.37 | 113 | 397800 | 19.21 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.82 | 128 | 186286 | 18.31 | ng/ul | 0.01 |
| 9) 2-Nitrophenol-d4 | 9.53 | 143 | 220239 | 18.91 | ng/ul | 0.01 |
| 10) 2,4-Dichlorophenol-d3 | 10.07 | 165 | 388351 | 18.28 | ng/ul | 0.01 |
| 12) 4-Chloroaniline-d4 | 10.58 | 131 | 288824 | 17.20 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.72 | 166 | 1191666 | 19.17 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 14.00 | 160 | 1497442 | 19.85 | ng/ul | 0.01 |
| 20) 4-Nitrophenol-d4 | 14.53 | 143 | 233469 | 19.79 | ng/ul | 0.02 |
| 21) Fluorene-d10 | 15.31 | 176 | 1039996 | 19.60 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 195376 | 28.63 | ng/ul | 0.02 |
| 26) Anthracene-d10 | 17.16 | 188 | 1597065 | 20.66 | ng/ul | 0.01 |
| 30) Pyrene-d10 | 19.47 | 212 | 1521989 | 27.50 | ng/ul | 0.02 |
| 37) Benzo(a)pyrene-d12 | 23.36 | 264 | 1202024 | 20.61 | ng/ul | 0.04 |
| **Target Compounds** | | | | | | Qvalue |
| 11) Naphthalene | 10.49 | 128 | 114252 | 1.73 | ng/ul | 100 |
| 18) Acenaphthylene | 14.03 | 152 | 111623 | 1.41 | ng/ul | 96 |
| 19) Acenaphthene | 14.37 | 153 | 158247 | 3.14 | ng/ul | 97 |
| 22) Fluorene | 15.36 | 166 | 239838 | 4.18 | ng/ul | 97 |
| 25) Phenanthrene | 17.11 | 178 | 4446840 | 48.77 | ng/ul | 99 |
| 27) Anthracene | 17.20 | 178 | 983355 | 10.49 | ng/ul | 100 |
| 28) Fluoranthene | 19.14 | 202 | 6619674 | 59.28 | ng/ul | 95 |
| 31) Pyrene | 19.50 | 202 | 5488886 | 75.72 | ng/ul# | 92 |
| 32) Benzo(a)anthracene | 21.25 | 228 | 2572327 | 35.99 | ng/ul | 98 |
| 33) Chrysene | 21.30 | 228 | 2630615 | 39.98 | ng/ul | 96 |
| 35) Benzo(b)fluoranthene | 22.84 | 252 | 3430463 | 45.11 | ng/ul | 98 |
| 36) Benzo(k)fluoranthene | 22.87 | 252 | 1079424m | 15.13 | ng/ul | |
| 38) Benzo(a)pyrene | 23.40 | 252 | 2245408 | 31.25 | ng/ul | 97 |
| 39) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 1751122 | 23.45 | ng/ul# | 92 |
| 40) Dibenzo(a,h)anthracene | 25.74 | 278 | 463638m | 7.50 | ng/ul | |
| 41) Benzo(g,h,i)perylene | 26.43 | 276 | 1641024 | 26.25 | ng/ul | 97 |

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

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