Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
Data File : BM005759.D
Acq On : 12 Jun 2016 21:27
Operator : UM/SJ
Sample : H3536-21 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9Y31

**Manual Integrations APPROVED**
umangi
6/13/2016 7:48:52 PM

Quant Time: Jun 13 04:00:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 13 03:29:45 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.75 | 152 | 98129 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.53 | 136 | 477719 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.39 | 164 | 280089 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.13 | 188 | 550383 | 20.00 | ng/ul | -0.01 |
| 29) Chrysene-d12 | 21.32 | 240 | 400214 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.58 | 264 | 389646 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.19 | 96 | 1416 | 0.63 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.93 | 99 | 66108 | 7.81 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 7.07 | 67 | 43183 | 8.49 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.28 | 132 | 61556 | 8.99 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.46 | 113 | 46923 | 6.56 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 128 | 27105 | 7.87 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.63 | 143 | 30411 | 7.81 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.17 | 165 | 58487 | 8.28 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.70 | 131 | 6343m | 0.74 | ng/ul | 0.02 |
| 16) Dimethylphthalate-d6 | 13.80 | 166 | 220968 | 9.57 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 14.08 | 160 | 282047 | 9.98 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.64 | 143 | 17814m | 5.27 | ng/ul | 0.00 |
| 21) Fluorene-d10 | 15.39 | 176 | 193608 | 9.90 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 6752 | 2.37 | ng/ul | -0.01 |
| 26) Anthracene-d10 | 17.23 | 188 | 258800 | 9.98 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.53 | 212 | 226960 | 11.80 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.44 | 264 | 182388 | 10.26 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Fluoranthene | 19.19 | 202 | 58533 | 1.65 | ng/ul | 99 |
| 31) Pyrene | 19.56 | 202 | 53219 | 2.19 | ng/ul | 99 |
| 32) Benzo(a)anthracene | 21.30 | 228 | 29215 | 1.26 | ng/ul# | 91 |
| 33) Chrysene | 21.36 | 228 | 32632 | 1.43 | ng/ul# | 93 |
| 35) Benzo(b)fluoranthene | 22.90 | 252 | 53944 | 2.33 | ng/ul# | 83 |
| 38) Benzo(a)pyrene | 23.48 | 252 | 29245 | 1.33 | ng/ul# | 68 |
| 39) Indeno(1,2,3-cd)pyrene | 25.87 | 276 | 26679 | 1.24 | ng/ul# | 90 |
| 41) Benzo(g,h,i)perylene | 26.59 | 276 | 28984 | 1.62 | ng/ul# | 84 |

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

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