Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002785.D
Acq On : 30 Sep 2015 15:06
Operator : UM/IZ
Sample : G3838-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** E5MX4

Quant Time: Sep 30 15:39:47 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 30 06:48:30 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.70 | 152 | 107009 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.56 | 136 | 446037 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 15.30 | 164 | 214820 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 18.01 | 188 | 417063 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 22.10 | 240 | 426710 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.69 | 264 | 438672 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.77 | 96 | 7619 | 3.31 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.82 | 99 | 138625 | 17.10 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.99 | 67 | 93004 | 20.39 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 8.22 | 132 | 142000 | 18.82 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.40 | 113 | 104331 | 15.61 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.89 | 128 | 70467 | 20.72 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.63 | 143 | 71119 | 20.00 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 11.17 | 165 | 118841 | 18.94 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.69 | 131 | 82548 | 10.93 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.67 | 166 | 347721 | 21.52 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 15.00 | 160 | 458664 | 21.27 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.47 | 143 | 35411 | 12.34 | ng/ul | 0.01 |
| 58) Fluorene-d10 | 16.27 | 176 | 299354 | 20.56 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 16.39 | 200 | 15787 | 7.76 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 18.11 | 188 | 425160 | 21.36 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 20.34 | 212 | 426082 | 21.39 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.53 | 264 | 474237 | 21.13 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 11.61 | 128 | 27496 | 1.21 | ng/ul | 97 |
| 34) 2-Methylnaphthalene | 13.17 | 142 | 52733 | 3.33 | ng/ul | 98 |
| 35) 1-Methylnaphthalene | 13.38 | 142 | 39145 | 2.54 | ng/ul | 99 |
| 45) Dimethylphthalate | 14.72 | 163 | 136541 | 8.31 | ng/ul | 100 |
| 70) Phenanthrene | 18.05 | 178 | 121201 | 5.02 | ng/ul | 98 |
| 77) Fluoranthene | 20.01 | 202 | 110231 | 4.43 | ng/ul | 99 |
| 80) Pyrene | 20.37 | 202 | 108699 | 4.01 | ng/ul | 96 |
| 83) Benzo(a)anthracene | 22.08 | 228 | 59311 | 2.34 | ng/ul | 94 |
| 85) Chrysene | 22.13 | 228 | 58330 | 2.44 | ng/ul# | 91 |
| 88) Benzo(b)fluoranthene | 23.89 | 252 | 70036 | 2.66 | ng/ul# | 81 |
| 91) Benzo(a)pyrene | 24.58 | 252 | 47503 | 1.88 | ng/ul# | 79 |
| 92) Indeno(1,2,3-cd)pyrene | 27.41 | 276 | 33900 | 1.15 | ng/ul | 98 |
| 94) Benzo(g,h,i)perylene | 28.27 | 276 | 33363 | 1.34 | ng/ul# | 79 |

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

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