Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014347.D
Acq On : 24 Feb 2018 00:55
Operator : SJ/JU
Sample : J1631-11 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE609

**Manual Integrations APPROVED**
Sohil
2/26/2018 4:50:29 PM

Quant Time: Feb 24 01:58:30 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 23:12:42 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.53 | 152 | 147591 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.29 | 136 | 689763 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.18 | 164 | 407323 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.94 | 188 | 853592 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.14 | 240 | 674284 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.32 | 264 | 570375 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.12 | 96 | 852m | 0.25 | ng/uL | 0.01 |
| 5) Phenol-d5 | 6.74 | 99 | 18483m | 1.48 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.89 | 67 | 10038 | 1.33 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.07 | 132 | 16080 | 1.68 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8 | 8.27 | 113 | 15229m | 1.40 | ng/ul | 0.03 |
| 19) Nitrobenzene-d5 | 8.70 | 128 | 8653m | 1.70 | ng/ul | 0.02 |
| 22) 2-Nitrophenol-d4 | 9.40 | 143 | 8251m | 1.56 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.99 | 165 | 15368m | 1.41 | ng/ul | 0.06 |
| 29) 4-Chloroaniline-d4 | 10.49 | 131 | 11224m | 1.04 | ng/ul | 0.04 |
| 43) Dimethylphthalate-d6 | 13.61 | 166 | 75728 | 2.25 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.87 | 160 | 92971 | 2.24 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.54 | 143 | 463 | 0.10 | ng/ul | 0.11 |
| 57) Fluorene-d10 | 15.19 | 176 | 67843 | 2.25 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 3775 | 0.74 | ng/ul | 0.02 |
| 70) Anthracene-d10 | 17.04 | 188 | 100324 | 2.44 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.34 | 212 | 104350 | 3.00 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.17 | 264 | 73332 | 2.64 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 69) Phenanthrene | 16.98 | 178 | 210466 | 4.279 | ng/ul | 99 |
| 74) Fluoranthene | 19.01 | 202 | 353265 | 6.012 | ng/ul# | 94 |
| 77) Pyrene | 19.37 | 202 | 319998 | 7.141 | ng/ul# | 91 |
| 80) Benzo(a)anthracene | 21.13 | 228 | 149448 | 3.551 | ng/ul | 98 |
| 82) Chrysene | 21.19 | 228 | 141444 | 3.603 | ng/ul | 95 |
| 85) Benzo(b)fluoranthene | 22.68 | 252 | 160074 | 4.191 | ng/ul# | 89 |
| 86) Benzo(k)fluoranthene | 22.71 | 252 | 62509m | 1.722 | ng/ul | |
| 88) Benzo(a)pyrene | 23.23 | 252 | 113616 | 3.329 | ng/ul# | 93 |
| 89) Indeno(1,2,3-cd)pyrene | 25.47 | 276 | 76889 | 2.322 | ng/ul | 96 |
| 91) Benzo(g,h,i)perylene | 26.14 | 276 | 60211m | 2.244 | ng/ul | |

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

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