Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080416\
Data File : BM006882.D
Acq On : 05 Aug 2016 02:25
Operator : UM/SJ
Sample : H4224-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 05 05:18:30 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 05 02:18:21 2016
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** BDJL1

**Manual Integrations APPROVED**
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8/5/2016 7:02:04 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.56 | 152 | 259107 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.34 | 136 | 1096977 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.22 | 164 | 673763 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.97 | 188 | 1588972 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.19 | 240 | 1730356 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.37 | 264 | 1718125 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.10 | 96 | 11917 | 2.53 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.79 | 99 | 488167 | 25.60 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.91 | 67 | 338477 | 26.56 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.11 | 132 | 406229 | 26.96 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.31 | 113 | 404052 | 26.05 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 8.73 | 128 | 191883 | 25.58 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.45 | 143 | 227999 | 25.53 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.00 | 165 | 420060m | 22.75 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.52 | 131 | 484014 | 25.38 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.64 | 166 | 1571871 | 28.32 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.91 | 160 | 1875699 | 27.67 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.53 | 143 | 171793m | 14.12 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.22 | 176 | 1402195 | 27.22 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 177251 | 17.09 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.07 | 188 | 2174638m | 28.50 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.38 | 212 | 2574649 | 29.09 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.23 | 264 | 2383313 | 28.48 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.69 | 163 | 694400 | 12.59 | ng/ul | 99 |
| 69) Phenanthrene | 17.02 | 178 | 112821 | 1.29 | ng/ul | 97 |
| 74) Fluoranthene | 19.05 | 202 | 395294 | 3.52 | ng/ul# | 97 |
| 77) Pyrene | 19.41 | 202 | 361163 | 3.17 | ng/ul# | 95 |
| 80) Benzo(a)anthracene | 21.17 | 228 | 207577m | 1.97 | ng/ul | |
| 81) Bis(2-ethylhexyl)phthalate | 21.09 | 149 | 62962 | 1.17 | ng/ul | 99 |
| 82) Chrysene | 21.22 | 228 | 212183 | 2.29 | ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 22.73 | 252 | 263216 | 2.43 | ng/ul# | 91 |
| 88) Benzo(a)pyrene | 23.27 | 252 | 194921 | 1.90 | ng/ul# | 95 |
| 89) Indeno(1,2,3-cd)pyrene | 25.57 | 276 | 142733 | 1.17 | ng/ul# | 89 |
| 91) Benzo(g,h,i)perylene | 26.24 | 276 | 130945 | 1.32 | ng/ul# | 96 |

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

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