Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007403.D
Acq On : 03 Sep 2016 12:34
Operator : UM/SJ
Sample : H4639-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BD385

**Manual Integrations APPROVED**
sohil
9/6/2016 1:16:42 PM

Quant Time: Sep 06 08:58:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 05 01:45:04 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.79 | 152 | 219494 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.58 | 136 | 1037608 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.43 | 164 | 700598 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.17 | 188 | 1810063 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.35 | 240 | 2389091 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.63 | 264 | 2325336 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.30 | 96 | 10788 | 2.51 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.96 | 99 | 275734 | 13.30 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.13 | 67 | 153094 | 14.05 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.33 | 132 | 216547 | 14.13 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.49 | 113 | 222845 | 12.32 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.95 | 128 | 115258 | 15.13 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.66 | 143 | 134307 | 15.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.20 | 165 | 255055 | 14.40 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.72 | 131 | 130302 | 5.90 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.83 | 166 | 915648 | 15.15 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.12 | 160 | 1096576 | 15.65 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.63 | 143 | 138758 | 12.16 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.42 | 176 | 835462 | 15.98 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 145976 | 12.83 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.27 | 188 | 1355666 | 16.03 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.56 | 212 | 1853952 | 18.56 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.48 | 264 | 1849770 | 17.27 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.63 | 128 | 75091 | 1.46 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.24 | 142 | 63874 | 1.51 | ng/ul | 95 |
| 44) Dimethylphthalate | 13.88 | 163 | 419723 | 6.97 | ng/ul | 99 |
| 53) Dibenzofuran | 14.82 | 168 | 89950 | 1.28 | ng/ul | 99 |
| 69) Phenanthrene | 17.21 | 178 | 435397 | 4.48 | ng/ul | 98 |
| 71) Anthracene | 17.30 | 178 | 103900 | 1.04 | ng/ul | 98 |
| 74) Fluoranthene | 19.23 | 202 | 1657318 | 13.59 | ng/ul | 99 |
| 77) Pyrene | 19.59 | 202 | 887750 | 6.93 | ng/ul | 97 |
| 80) Benzo(a)anthracene | 21.33 | 228 | 479787 | 3.41 | ng/ul | 95 |
| 82) Chrysene | 21.39 | 228 | 1125454m | 8.82 | ng/ul | |
| 85) Benzo(b)fluoranthene | 22.94 | 252 | 1274503 | 9.27 | ng/ul | 98 |
| 86) Benzo(k)fluoranthene | 22.98 | 252 | 347655m | 2.74 | ng/ul | |
| 88) Benzo(a)pyrene | 23.52 | 252 | 185680 | 1.41 | ng/ul# | 97 |
| 89) Indeno(1,2,3-cd)pyrene | 25.91 | 276 | 190963 | 1.18 | ng/ul | 98 |

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

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