Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006623.D
Acq On : 22 Jul 2016 13:34
Operator : UM/SJ
Sample : H4077-18 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9YT2

**Manual Integrations APPROVED**
sohil
7/25/2016 6:39:46 PM

Quant Time: Jul 23 00:37:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 168926 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.39 | 136 | 711562 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.27 | 164 | 395838 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.02 | 188 | 883141 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.23 | 240 | 851804 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.43 | 264 | 994070 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.14 | 96 | 1134 | 0.27 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.80 | 99 | 45974 | 3.20 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 6.96 | 67 | 30910 | 3.47 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.15 | 132 | 37398 | 3.26 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.33 | 113 | 33222 | 2.98 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.77 | 128 | 17026 | 3.16 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.49 | 143 | 18329 | 3.20 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.03 | 165 | 35548 | 3.28 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.55 | 131 | 28421m | 2.38 | ng/ul | 0.01 |
| 16) Dimethylphthalate-d6 | 13.68 | 166 | 108874 | 3.51 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 13.96 | 160 | 143435 | 3.62 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.51 | 143 | 14483m | 2.69 | ng/ul | 0.02 |
| 21) Fluorene-d10 | 15.26 | 176 | 104684 | 3.77 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 4740 | 1.03 | ng/ul | 0.00 |
| 26) Anthracene-d10 | 17.12 | 188 | 159319 | 3.80 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.42 | 212 | 173001 | 4.46 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.30 | 264 | 167302 | 3.66 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 18) Acenaphthylene | 13.99 | 152 | 592391 | 13.96 | ng/ul | 95 |
| 22) Fluorene | 15.32 | 166 | 34597 | 1.13 | ng/ul | 97 |
| 25) Phenanthrene | 17.06 | 178 | 300893 | 6.06 | ng/ul | 99 |
| 27) Anthracene | 17.15 | 178 | 732023 | 14.31 | ng/ul | 98 |
| 28) Fluoranthene | 19.09 | 202 | 1210804 | 20.75 | ng/ul | 98 |
| 31) Pyrene | 19.45 | 202 | 1955757 | 37.92 | ng/ul | 97 |
| 32) Benzo(a)anthracene | 21.21 | 228 | 1734214 | 33.59 | ng/ul | 93 |
| 33) Chrysene | 21.26 | 228 | 2091497m | 43.94 | ng/ul | |
| 35) Benzo(b)fluoranthene | 22.79 | 252 | 5432588 | 91.17 | ng/ul | 99 |
| 36) Benzo(k)fluoranthene | 22.82 | 252 | 1923953m | 33.39 | ng/ul | |
| 38) Benzo(a)pyrene | 23.34 | 252 | 3159604 | 54.48 | ng/ul | 97 |
| 39) Indeno(1,2,3-cd)pyrene | 25.66 | 276 | 2784719 | 41.46 | ng/ul | 97 |
| 40) Dibenzo(a,h)anthracene | 25.64 | 278 | 936327 | 16.82 | ng/ul | 93 |
| 41) Benzo(g,h,i)perylene | 26.33 | 276 | 2348630 | 40.80 | ng/ul | 96 |

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

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