Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006822.D
Acq On : 01 Aug 2016 12:16
Operator : UM/SJ
Sample : H4188-07
Misc :
ALS Vial : 89 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9ZL5

**Manual Integrations APPROVED**
sohil
8/1/2016 7:10:04 PM

Quant Time: Aug 01 14:16:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 236589 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.39 | 136 | 1009247 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.26 | 164 | 552913 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.02 | 188 | 1196830 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.22 | 240 | 1137097 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.43 | 264 | 1303602 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.13 | 96 | 11776 | 2.01 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.80 | 99 | 455772 | 22.64 | ng/ul | 0.01 |
| 4) Bis-(2-Chloroethyl)ether-d | 6.95 | 67 | 306141 | 24.55 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.15 | 132 | 380184 | 23.64 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.32 | 113 | 300276 | 19.24 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.76 | 128 | 195317 | 25.57 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.48 | 143 | 214579 | 26.41 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.02 | 165 | 369499 | 24.07 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.53 | 131 | 399027 | 23.60 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.67 | 166 | 1126542 | 25.99 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 13.95 | 160 | 1454598 | 26.29 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.51 | 143 | 137451 | 18.25 | ng/ul | 0.02 |
| 21) Fluorene-d10 | 15.26 | 176 | 988894 | 25.51 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 73422 | 11.82 | ng/ul | 0.02 |
| 26) Anthracene-d10 | 17.12 | 188 | 1467268 | 25.82 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.42 | 212 | 1559760 | 30.10 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.30 | 264 | 1541372 | 25.71 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 19) Acenaphthene | 14.33 | 153 | 63005 | 1.65 | ng/ul | 96 |
| 25) Phenanthrene | 17.06 | 178 | 738653 | 10.97 | ng/ul | 99 |
| 27) Anthracene | 17.15 | 178 | 160214 | 2.31 | ng/ul | 99 |
| 28) Fluoranthene | 19.09 | 202 | 2250992 | 28.47 | ng/ul | 97 |
| 31) Pyrene | 19.45 | 202 | 2150398 | 31.23 | ng/ul | 97 |
| 32) Benzo(a)anthracene | 21.20 | 228 | 1910573 | 27.72 | ng/ul | 98 |
| 33) Chrysene | 21.26 | 228 | 2340194 | 36.83 | ng/ul | 96 |
| 35) Benzo(b)fluoranthene | 22.78 | 252 | 4425175 | 56.63 | ng/ul | 99 |
| 36) Benzo(k)fluoranthene | 22.81 | 252 | 1463551m | 19.37 | ng/ul | |
| 38) Benzo(a)pyrene | 23.34 | 252 | 3106686 | 40.85 | ng/ul | 97 |
| 39) Indeno(1,2,3-cd)pyrene | 25.66 | 276 | 2759426 | 31.33 | ng/ul | 98 |
| 40) Dibenzo(a,h)anthracene | 25.65 | 278 | 759300 | 10.40 | ng/ul | 96 |
| 41) Benzo(g,h,i)perylene | 26.34 | 276 | 2273094 | 30.11 | ng/ul | 98 |

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

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