Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006787.D
Acq On : 31 Jul 2016 13:44
Operator : UM/SJ
Sample : H4189-11
Misc :
ALS Vial : 56 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9ZQ0

**Manual Integrations APPROVED**
sohil
8/1/2016 7:06:20 PM

Quant Time: Aug 01 07:12:25 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 | 188571 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.38 | 136 | 835282 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.26 | 164 | 471869 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.01 | 188 | 1067742 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.21 | 240 | 1210555 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.41 | 264 | 1274492 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.13 | 96 | 7666 | 1.64 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.79 | 99 | 292442 | 18.23 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 6.95 | 67 | 206456 | 20.77 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.14 | 132 | 245824 | 19.18 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.32 | 113 | 145759 | 11.72 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.76 | 128 | 127815 | 20.22 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.47 | 143 | 137407 | 20.44 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.01 | 165 | 243362 | 19.15 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.53 | 131 | 280354 | 20.03 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.67 | 166 | 764980 | 20.68 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 13.94 | 160 | 1003709 | 21.25 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.49 | 143 | 98432 | 15.32 | ng/ul | 0.00 |
| 21) Fluorene-d10 | 15.26 | 176 | 704178 | 21.28 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 84942 | 15.33 | ng/ul | 0.00 |
| 26) Anthracene-d10 | 17.11 | 188 | 1059101 | 20.89 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.41 | 212 | 1236310 | 22.41 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.27 | 264 | 1276211 | 21.77 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 25) Phenanthrene | 17.05 | 178 | 410844 | 6.84 | ng/ul | 100 |
| 27) Anthracene | 17.14 | 178 | 78515 | 1.27 | ng/ul | 97 |
| 28) Fluoranthene | 19.07 | 202 | 905400 | 12.83 | ng/ul | 99 |
| 31) Pyrene | 19.44 | 202 | 751515 | 10.25 | ng/ul | 97 |
| 32) Benzo(a)anthracene | 21.19 | 228 | 419408 | 5.72 | ng/ul | 98 |
| 33) Chrysene | 21.24 | 228 | 431656 | 6.38 | ng/ul | 99 |
| 35) Benzo(b)fluoranthene | 22.75 | 252 | 633898 | 8.30 | ng/ul | 99 |
| 36) Benzo(k)fluoranthene | 22.79 | 252 | 198478m | 2.69 | ng/ul | |
| 38) Benzo(a)pyrene | 23.31 | 252 | 398273 | 5.36 | ng/ul | 98 |
| 39) Indeno(1,2,3-cd)pyrene | 25.60 | 276 | 313357 | 3.64 | ng/ul | 96 |
| 40) Dibenzo(a,h)anthracene | 25.60 | 278 | 82298m | 1.15 | ng/ul | |
| 41) Benzo(g,h,i)perylene | 26.28 | 276 | 298938 | 4.05 | ng/ul | 97 |

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

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