Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006611.D
Acq On : 22 Jul 2016 06:08
Operator : UM/SJ
Sample : H4077-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9YQ8

**Manual Integrations APPROVED**
umangi
7/22/2016 6:24:52 PM

Quant Time: Jul 22 07:53:09 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 217797 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.39 | 136 | 930540 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.26 | 164 | 512100 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.02 | 188 | 1118380 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.22 | 240 | 1197731 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.42 | 264 | 1258223 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.13 | 96 | 5232 | 0.97 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.79 | 99 | 177839 | 9.60 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 6.95 | 67 | 142371 | 12.40 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.15 | 132 | 159032 | 10.74 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.32 | 113 | 91012 | 6.33 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.77 | 128 | 88225 | 12.53 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.48 | 143 | 92826 | 12.39 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.02 | 165 | 148680 | 10.50 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.53 | 131 | 127469 | 8.18 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.67 | 166 | 510369 | 12.71 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 13.96 | 160 | 665073 | 12.98 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.50 | 143 | 19880 | 2.85 | ng/ul | 0.02 |
| 21) Fluorene-d10 | 15.26 | 176 | 468653 | 13.05 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 22166 | 3.82 | ng/ul | 0.01 |
| 26) Anthracene-d10 | 17.12 | 188 | 706490 | 13.30 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.42 | 212 | 795133 | 14.57 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.28 | 264 | 784774 | 13.56 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 25) Phenanthrene | 17.06 | 178 | 250882 | 3.99 | ng/ul | 98 |
| 27) Anthracene | 17.15 | 178 | 68662 | 1.06 | ng/ul | 98 |
| 28) Fluoranthene | 19.08 | 202 | 548165 | 7.42 | ng/ul | 98 |
| 31) Pyrene | 19.44 | 202 | 503290 | 6.94 | ng/ul | 97 |
| 32) Benzo(a)anthracene | 21.20 | 228 | 324182 | 4.47 | ng/ul | 96 |
| 33) Chrysene | 21.25 | 228 | 353732 | 5.29 | ng/ul | 96 |
| 35) Benzo(b)fluoranthene | 22.76 | 252 | 545867 | 7.24 | ng/ul | 97 |
| 36) Benzo(k)fluoranthene | 22.80 | 252 | 160968m | 2.21 | ng/ul | |
| 38) Benzo(a)pyrene | 23.33 | 252 | 373218 | 5.08 | ng/ul | 96 |
| 39) Indeno(1,2,3-cd)pyrene | 25.62 | 276 | 319718 | 3.76 | ng/ul | 98 |
| 40) Dibenzo(a,h)anthracene | 25.62 | 278 | 143219 | 2.03 | ng/ul# | 90 |
| 41) Benzo(g,h,i)perylene | 26.30 | 276 | 352018 | 4.83 | ng/ul | 98 |

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

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