Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007836.D
Acq On : 11 Nov 2016 21:20
Operator : UM/SJ
Sample : H5610-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Nov 12 03:58:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 12 03:12:55 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.74 | 152 | 213793 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.52 | 136 | 802392 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.37 | 164 | 504671 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.12 | 188 | 982723 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.31 | 240 | 1198686 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.56 | 264 | 1243565 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.28 | 96 | 12221 | 2.45 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.92 | 99 | 209821 | 12.72 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.07 | 67 | 133889 | 13.67 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.27 | 132 | 169051 | 13.36 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.45 | 113 | 151542 | 11.74 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.90 | 128 | 80888 | 14.01 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.62 | 143 | 84049 | 13.73 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.15 | 165 | 155447 | 12.92 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.67 | 131 | 140697 | 10.25 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.79 | 166 | 519846 | 15.13 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.06 | 160 | 597392 | 14.44 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.61 | 143 | 48213 | 8.87 | ng/ul | 0.02 |
| 57) Fluorene-d10 | 15.37 | 176 | 448682 | 14.90 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 48208 | 8.26 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.22 | 188 | 676068 | 15.27 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.52 | 212 | 822189 | 16.69 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.41 | 264 | 887702 | 16.35 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.94 | 94 | 30165 | 1.78 | ng/ul# | 90 |
| 44) Dimethylphthalate | 13.83 | 163 | 533077 | 15.97 | ng/ul | 100 |
| 69) Phenanthrene | 17.16 | 178 | 369822 | 7.08 | ng/ul | 98 |
| 71) Anthracene | 17.26 | 178 | 81650 | 1.53 | ng/ul | 99 |
| 74) Fluoranthene | 19.18 | 202 | 640036 | 10.48 | ng/ul | 99 |
| 77) Pyrene | 19.54 | 202 | 552885 | 8.93 | ng/ul | 99 |
| 80) Benzo(a)anthracene | 21.29 | 228 | 272697 | 4.26 | ng/ul | 98 |
| 82) Chrysene | 21.34 | 228 | 254110 | 4.13 | ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 22.89 | 252 | 347948 | 4.90 | ng/ul | 95 |
| 86) Benzo(k)fluoranthene | 22.92 | 252 | 115270m | 1.76 | ng/ul | |
| 88) Benzo(a)pyrene | 23.46 | 252 | 240915 | 3.60 | ng/ul | 98 |
| 89) Indeno(1,2,3-cd)pyrene | 25.83 | 276 | 163179 | 2.04 | ng/ul | 96 |
| 91) Benzo(g,h,i)perylene | 26.51 | 276 | 140432 | 2.09 | ng/ul# | 96 |

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

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