Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001876.D
Acq On : 07 Jul 2015 22:48
Operator : TP/UM
Sample : G2861-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** G93L0

**Manual Integrations APPROVED**
apatel
7/8/2015 4:26:05 PM

Quant Time: Jul 08 07:05:20 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 05:33:09 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 68715 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.46 | 136 | 243172 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.32 | 164 | 136251 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.07 | 188 | 303984 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.26 | 240 | 352587 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.50 | 264 | 369106 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.15 | 96 | 5664 | 3.93 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.83 | 99 | 118550 | 22.46 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.00 | 67 | 65991 | 22.32 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.20 | 132 | 102042 | 24.45 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.37 | 113 | 94543 | 22.32 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.83 | 128 | 45460 | 27.01 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.55 | 143 | 53419 | 29.02 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.08 | 165 | 98480 | 24.99 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.60 | 131 | 113062 | 28.21 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.73 | 166 | 273190 | 27.04 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.02 | 160 | 297222 | 22.44 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.53 | 143 | 37048 | 19.88 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.32 | 176 | 207178 | 22.10 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 28191 | 15.18 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.17 | 188 | 348760 | 24.63 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.47 | 212 | 329294 | 22.05 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.35 | 264 | 332622 | 20.44 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.78 | 163 | 92533 | 8.38 | ng/ul | 99 |
| 69) Phenanthrene | 17.11 | 178 | 49603 | 3.01 | ng/ul | 97 |
| 71) Anthracene | 17.20 | 178 | 17969 | 1.06 | ng/ul | 98 |
| 76) Fluoranthene | 19.13 | 202 | 121815 | 6.18 | ng/ul | 98 |
| 79) Pyrene | 19.50 | 202 | 117307 | 6.00 | ng/ul | 98 |
| 82) Benzo(a)anthracene | 21.25 | 228 | 110634 | 5.37 | ng/ul | 96 |
| 84) Chrysene | 21.30 | 228 | 99251 | 5.08 | ng/ul | 97 |
| 87) Benzo(b)fluoranthene | 22.83 | 252 | 172590 | 8.03 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 22.86 | 252 | 69347m | 3.34 | ng/ul | |
| 90) Benzo(a)pyrene | 23.40 | 252 | 143505 | 6.87 | ng/ul | 96 |
| 91) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 112709 | 4.55 | ng/ul | 95 |
| 92) Dibenzo(a,h)anthracene | 25.74 | 278 | 28692 | 1.37 | ng/ul# | 90 |
| 93) Benzo(g,h,i)perylene | 26.44 | 276 | 101632 | 4.88 | ng/ul | 96 |

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

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