Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002800.D
Acq On : 01 Oct 2015 02:14
Operator : UM/IZ
Sample : G3798-24
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9G76

**Manual Integrations APPROVED**
MMDadoda
10/1/2015 4:44:26 PM

Quant Time: Oct 01 08:56:56 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 07:01:42 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.70 | 152 | 79890 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.56 | 136 | 320727 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 15.30 | 164 | 148434 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 18.01 | 188 | 281524 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 22.10 | 240 | 285083 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.69 | 264 | 305876 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.78 | 96 | 2723 | 1.58 | ng/uL | 0.01 |
| 5) Phenol-d5 | 7.82 | 99 | 56230 | 9.29 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.99 | 67 | 31495 | 9.25 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 8.22 | 132 | 52441 | 9.31 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.40 | 113 | 43421 | 8.70 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.89 | 128 | 23327 | 9.54 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.63 | 143 | 23375 | 9.14 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 11.17 | 165 | 40338m | 8.94 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.69 | 131 | 47090 | 8.67 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.67 | 166 | 117706 | 10.54 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 15.00 | 160 | 148425 | 9.96 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.48 | 143 | 12760 | 6.43 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 16.27 | 176 | 99728 | 9.91 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 16.40 | 200 | 1363 | 0.99 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 18.11 | 188 | 143250 | 10.66 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 20.34 | 212 | 142432 | 10.70 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.53 | 264 | 168904 | 10.79 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 14.72 | 163 | 83430 | 7.35 | ng/ul | 100 |
| 50) Acenaphthene | 15.36 | 153 | 22533 | 2.17 | ng/ul | 97 |
| 54) Dibenzofuran | 15.69 | 168 | 18646 | 1.33 | ng/ul | 97 |
| 59) Fluorene | 16.33 | 166 | 33831 | 2.93 | ng/ul | 93 |
| 70) Phenanthrene | 18.06 | 178 | 802749 | 49.29 | ng/ul | 100 |
| 72) Anthracene | 18.14 | 178 | 139496 | 8.42 | ng/ul | 99 |
| 75) Carbazole | 18.40 | 167 | 80461 | 5.56 | ng/ul | 98 |
| 77) Fluoranthene | 20.02 | 202 | 1495720 | 88.95 | ng/ul | 99 |
| 80) Pyrene | 20.37 | 202 | 1143508 | 63.15 | ng/ul | 98 |
| 81) Butylbenzylphthalate | 21.17 | 149 | 8932 | 1.10 | ng/ul | 95 |
| 83) Benzo(a)anthracene | 22.08 | 228 | 529404 | 31.24 | ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.92 | 149 | 22712 | 1.86 | ng/ul# | 98 |
| 85) Chrysene | 22.14 | 228 | 577186 | 36.11 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 23.90 | 252 | 767641 | 41.77 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 23.94 | 252 | 303283m | 17.43 | ng/ul | |
| 91) Benzo(a)pyrene | 24.58 | 252 | 532294 | 30.16 | ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 27.43 | 276 | 410955 | 19.96 | ng/ul# | 91 |
| 93) Dibenzo(a,h)anthracene | 27.41 | 278 | 97260 | 5.59 | ng/ul# | 76 |
| 94) Benzo(g,h,i)perylene | 28.29 | 276 | 370837 | 21.39 | ng/ul | 98 |

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

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