Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002799.D
Acq On : 01 Oct 2015 01:37
Operator : UM/IZ
Sample : G3798-23
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9G75

**Manual Integrations APPROVED**
MMDadoda
10/1/2015 4:44:21 PM

Quant Time: Oct 01 08:15:46 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 | 75051 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.56 | 136 | 301446 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 15.30 | 164 | 140248 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 18.01 | 188 | 268883 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 22.10 | 240 | 279991 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.70 | 264 | 305327 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.77 | 96 | 3688 | 2.28 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.82 | 99 | 83960 | 14.77 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.99 | 67 | 49358 | 15.43 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 8.22 | 132 | 77980 | 14.73 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.40 | 113 | 61220 | 13.06 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.89 | 128 | 37336 | 16.24 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.63 | 143 | 38123 | 15.87 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 11.17 | 165 | 64725m | 15.27 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.69 | 131 | 70341 | 13.78 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.67 | 166 | 185935 | 17.62 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 15.00 | 160 | 240527 | 17.08 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.48 | 143 | 22427 | 11.97 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 16.27 | 176 | 159551 | 16.79 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 16.40 | 200 | 4892 | 3.73 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 18.11 | 188 | 225488 | 17.57 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 20.34 | 212 | 223483 | 17.10 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.53 | 264 | 266786 | 17.08 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 11.61 | 128 | 18316 | 1.19 | ng/ul | 97 |
| 45) Dimethylphthalate | 14.72 | 163 | 121771 | 11.35 | ng/ul | 99 |
| 48) Acenaphthylene | 15.03 | 152 | 21345 | 1.44 | ng/ul | 99 |
| 50) Acenaphthene | 15.36 | 153 | 56467 | 5.76 | ng/ul | 98 |
| 54) Dibenzofuran | 15.69 | 168 | 44149 | 3.32 | ng/ul | 99 |
| 59) Fluorene | 16.33 | 166 | 74600 | 6.84 | ng/ul | 100 |
| 70) Phenanthrene | 18.06 | 178 | 1364133 | 87.70 | ng/ul | 99 |
| 72) Anthracene | 18.14 | 178 | 211025 | 13.33 | ng/ul | 99 |
| 75) Carbazole | 18.40 | 167 | 130260 | 9.42 | ng/ul | 100 |
| 77) Fluoranthene | 20.02 | 202 | 2432190 | 151.45 | ng/ul | 99 |
| 80) Pyrene | 20.37 | 202 | 1924007m | 108.18 | ng/ul | |
| 83) Benzo(a)anthracene | 22.08 | 228 | 925206 | 55.59 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.92 | 149 | 51211 | 4.26 | ng/ul | 99 |
| 85) Chrysene | 22.14 | 228 | 1027541 | 65.45 | ng/ul | 96 |
| 88) Benzo(b)fluoranthene | 23.90 | 252 | 1356390 | 73.95 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 23.94 | 252 | 512497m | 29.51 | ng/ul | |
| 91) Benzo(a)pyrene | 24.59 | 252 | 890226 | 50.53 | ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 27.44 | 276 | 691080 | 33.62 | ng/ul# | 92 |
| 93) Dibenzo(a,h)anthracene | 27.43 | 278 | 173132m | 9.97 | ng/ul | |
| 94) Benzo(g,h,i)perylene | 28.30 | 276 | 587032 | 33.92 | ng/ul | 98 |

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

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