Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011750.D
Acq On : 28 Sep 2017 07:23
Operator : SJ/JU
Sample : I5377-23
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB3J3

**Manual Integrations APPROVED**
Sohil
9/29/2017 2:23:15 PM

Quant Time: Sep 28 08:04:05 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.93 | 152 | 295409 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.74 | 136 | 1308127 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.57 | 164 | 730060 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.32 | 188 | 1561918 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.48 | 240 | 1291751 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.84 | 264 | 1104424 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.36 | 96 | 9723 | 1.47 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.09 | 99 | 394089 | 13.56 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.26 | 67 | 277486 | 13.17 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.46 | 132 | 298350 | 13.80 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.63 | 113 | 350303 | 15.39 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.10 | 128 | 159729 | 15.65 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.82 | 143 | 178884 | 16.44 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.36 | 165 | 351734 | 16.93 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.87 | 131 | 263479 | 11.47 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.97 | 166 | 1179455 | 18.84 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.26 | 160 | 1399503 | 18.48 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.76 | 143 | 151104m | 14.12 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.56 | 176 | 1013566 | 18.80 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.68 | 200 | 135293 | 12.79 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.41 | 188 | 1534333 | 19.30 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.70 | 212 | 1624680 | 26.35 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.69 | 264 | 1035615 | 19.58 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.79 | 128 | 131708 | 1.926 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.40 | 142 | 60738 | 1.253 | ng/ul | 94 |
| 44) Dimethylphthalate | 14.02 | 163 | 236685 | 3.952 | ng/ul | 99 |
| 49) Acenaphthene | 14.63 | 153 | 97015 | 1.875 | ng/ul | 98 |
| 53) Dibenzofuran | 14.97 | 168 | 91977 | 1.295 | ng/ul | 90 |
| 58) Fluorene | 15.62 | 166 | 104562 | 1.738 | ng/ul# | 95 |
| 69) Phenanthrene | 17.36 | 178 | 1924148 | 22.011 | ng/ul | 98 |
| 71) Anthracene | 17.44 | 178 | 378893 | 4.207 | ng/ul | 97 |
| 72) Carbazole | 17.72 | 167 | 138037 | 1.749 | ng/ul | 98 |
| 74) Fluoranthene | 19.37 | 202 | 2907830 | 27.244 | ng/ul# | 91 |
| 77) Pyrene | 19.73 | 202 | 2758844 | 35.839 | ng/ul# | 88 |
| 80) Benzo(a)anthracene | 21.47 | 228 | 1310440 | 18.133 | ng/ul | 95 |
| 81) Bis(2-ethylhexyl)phthalate | 21.37 | 149 | 57509 | 1.197 | ng/ul# | 97 |
| 82) Chrysene | 21.52 | 228 | 1331033 | 19.528 | ng/ul | 96 |
| 85) Benzo(b)fluoranthene | 23.13 | 252 | 1653095 | 25.369 | ng/ul# | 93 |
| 86) Benzo(k)fluoranthene | 23.17 | 252 | 617912m | 9.295 | ng/ul | |
| 88) Benzo(a)pyrene | 23.74 | 252 | 1195080 | 18.989 | ng/ul# | 95 |
| 89) Indeno(1,2,3-cd)pyrene | 26.27 | 276 | 892024 | 13.613 | ng/ul# | 93 |
| 90) Dibenzo(a,h)anthracene | 26.27 | 278 | 265417 | 4.836 | ng/ul# | 85 |
| 91) Benzo(g,h,i)perylene | 27.01 | 276 | 927130m | 17.046 | ng/ul | |

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

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