Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011687.D
Acq On : 22 Sep 2017 11:35
Operator : SJ/JU
Sample : I5283-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB3B9

**Manual Integrations APPROVED**
Sohil
9/25/2017 6:23:23 PM

Quant Time: Sep 23 00:08:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.96 | 152 | 364501 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.77 | 136 | 1642750 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.59 | 164 | 882346 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.33 | 188 | 1737911 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.50 | 240 | 1255578 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.87 | 264 | 1310499 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.39 | 96 | 32173m | 3.97 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.11 | 99 | 777053 | 22.20 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.28 | 67 | 569995 | 24.17 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.49 | 132 | 620120 | 23.51 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.66 | 113 | 534978 | 19.58 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.12 | 128 | 307027 | 24.62 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.85 | 143 | 332664 | 25.66 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.38 | 165 | 589070 | 22.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.90 | 131 | 232420 | 8.07 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.99 | 166 | 1798147 | 24.11 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.29 | 160 | 2217784 | 24.58 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.77 | 143 | 232993 | 16.62 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.58 | 176 | 1526135 | 23.62 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.70 | 200 | 201966 | 19.97 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.43 | 188 | 2164043 | 25.29 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.72 | 212 | 2146441 | 36.51 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.72 | 264 | 1714297 | 27.45 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.13 | 94 | 52248 | 1.504 | ng/ul# | 83 |
| 28) Naphthalene | 10.82 | 128 | 124324 | 1.459 | ng/ul | 96 |
| 45) Dimethylphthalate | 14.04 | 163 | 705062 | 9.872 | ng/ul# | 98 |
| 50) Acenaphthene | 14.66 | 153 | 95246 | 1.552 | ng/ul | 98 |
| 54) Dibenzofuran | 14.99 | 168 | 88833 | 1.035 | ng/ul | 97 |
| 59) Fluorene | 15.64 | 166 | 98426 | 1.369 | ng/ul | 96 |
| 70) Phenanthrene | 17.37 | 178 | 1646573 | 16.998 | ng/ul | 99 |
| 72) Anthracene | 17.47 | 178 | 338828 | 3.409 | ng/ul | 98 |
| 75) Carbazole | 17.73 | 167 | 147920 | 1.744 | ng/ul# | 94 |
| 77) Fluoranthene | 19.39 | 202 | 2328368 | 23.369 | ng/ul# | 93 |
| 80) Pyrene | 19.74 | 202 | 2076876 | 28.351 | ng/ul# | 88 |
| 83) Benzo(a)anthracene | 21.48 | 228 | 946377 | 13.689 | ng/ul | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.39 | 149 | 104124 | 2.013 | ng/ul# | 93 |
| 85) Chrysene | 21.53 | 228 | 923085 | 14.728 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 23.15 | 252 | 1184296 | 15.022 | ng/ul# | 90 |
| 89) Benzo(k)fluoranthene | 23.19 | 252 | 409900m | 5.414 | ng/ul | |
| 91) Benzo(a)pyrene | 23.77 | 252 | 846793 | 11.379 | ng/ul# | 96 |
| 92) Indeno(1,2,3-cd)pyrene | 26.30 | 276 | 611601 | 7.471 | ng/ul# | 91 |
| 93) Dibenzo(a,h)anthracene | 26.30 | 278 | 168155 | 2.423 | ng/ul# | 81 |
| 94) Benzo(g,h,i)perylene | 27.05 | 276 | 634198 | 9.567 | ng/ul# | 92 |

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

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