Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011665.D
Acq On : 21 Sep 2017 22:04
Operator : SJ/JU
Sample : I5283-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB3B4

**Manual Integrations APPROVED**
Sohil
9/22/2017 4:06:17 PM

Quant Time: Sep 22 08:20:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 03:47:29 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.96 | 152 | 369023 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.76 | 136 | 1707815 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.59 | 164 | 967365 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.33 | 188 | 2089780 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.50 | 240 | 1967485 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.86 | 264 | 1519369 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.39 | 96 | 12788 | 1.56 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.11 | 99 | 288681 | 8.15 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.29 | 67 | 300500 | 12.58 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.49 | 132 | 238331 | 8.92 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.66 | 113 | 249793 | 9.03 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.12 | 128 | 168669 | 13.01 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.85 | 143 | 97009 | 7.20 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.38 | 165 | 223425 | 8.24 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.90 | 131 | 212780 | 7.11 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.99 | 166 | 688963 | 8.42 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.29 | 160 | 1593887 | 16.11 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.78 | 143 | 53797m | 3.50 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.58 | 176 | 1195923 | 16.88 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.69 | 200 | 50700 | 4.17 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.43 | 188 | 1786176 | 17.36 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.72 | 212 | 1969131 | 21.37 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.71 | 264 | 1228051 | 16.96 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 14.04 | 163 | 83773 | 1.070 | ng/ul# | 98 |
| 70) Phenanthrene | 17.37 | 178 | 926044 | 7.950 | ng/ul | 99 |
| 72) Anthracene | 17.46 | 178 | 206638 | 1.729 | ng/ul | 99 |
| 77) Fluoranthene | 19.38 | 202 | 1544079 | 12.888 | ng/ul# | 91 |
| 80) Pyrene | 19.74 | 202 | 1343955 | 11.708 | ng/ul# | 88 |
| 83) Benzo(a)anthracene | 21.48 | 228 | 656197 | 6.057 | ng/ul | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.39 | 149 | 634740 | 7.829 | ng/ul# | 95 |
| 85) Chrysene | 21.53 | 228 | 553172 | 5.633 | ng/ul | 99 |
| 88) Benzo(b)fluoranthene | 23.14 | 252 | 625309 | 6.841 | ng/ul# | 93 |
| 89) Benzo(k)fluoranthene | 23.19 | 252 | 239347m | 2.727 | ng/ul | |
| 91) Benzo(a)pyrene | 23.76 | 252 | 405785 | 4.703 | ng/ul# | 95 |
| 92) Indeno(1,2,3-cd)pyrene | 26.29 | 276 | 256862 | 2.706 | ng/ul# | 90 |
| 94) Benzo(g,h,i)perylene | 27.04 | 276 | 254420 | 3.310 | ng/ul# | 91 |

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

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