Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011670.D
Acq On : 22 Sep 2017 01:05
Operator : SJ/JU
Sample : I5283-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CB3B2

**Manual Integrations APPROVED**
Sohil
9/22/2017 4:06:25 PM

Quant Time: Sep 22 08:56:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 08:34:40 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.96 | 152 | 409800 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.76 | 136 | 1907879 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.59 | 164 | 1074849 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.33 | 188 | 2322245 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.50 | 240 | 2305951 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.86 | 264 | 1794647 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.39 | 96 | 17745 | 1.95 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.11 | 99 | 381715 | 9.70 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.28 | 67 | 310576 | 11.71 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.49 | 132 | 315046 | 10.62 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.65 | 113 | 293252 | 9.55 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.12 | 128 | 156936 | 10.84 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.85 | 143 | 164772 | 10.95 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.38 | 165 | 300984 | 9.93 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.90 | 131 | 167114 | 5.00 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.99 | 166 | 1080269 | 11.89 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.29 | 160 | 1245572 | 11.33 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.77 | 143 | 94324 | 5.52 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.58 | 176 | 920223 | 11.69 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.69 | 200 | 125124 | 9.26 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.43 | 188 | 1485177 | 12.99 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.72 | 212 | 1779825 | 16.48 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.71 | 264 | 1224692 | 14.32 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 14.04 | 163 | 245726 | 2.824 | ng/ul# | 96 |
| 70) Phenanthrene | 17.37 | 178 | 1077538 | 8.325 | ng/ul | 99 |
| 72) Anthracene | 17.46 | 178 | 168397 | 1.268 | ng/ul | 97 |
| 77) Fluoranthene | 19.38 | 202 | 1573111 | 11.816 | ng/ul# | 91 |
| 80) Pyrene | 19.74 | 202 | 1489600 | 11.072 | ng/ul# | 89 |
| 83) Benzo(a)anthracene | 21.48 | 228 | 699943 | 5.513 | ng/ul | 99 |
| 85) Chrysene | 21.53 | 228 | 658963 | 5.725 | ng/ul | 99 |
| 88) Benzo(b)fluoranthene | 23.14 | 252 | 673758 | 6.241 | ng/ul# | 92 |
| 89) Benzo(k)fluoranthene | 23.19 | 252 | 239413m | 2.309 | ng/ul | |
| 91) Benzo(a)pyrene | 23.76 | 252 | 434676 | 4.265 | ng/ul# | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 26.29 | 276 | 253259 | 2.259 | ng/ul# | 89 |
| 94) Benzo(g,h,i)perylene | 27.03 | 276 | 234547 | 2.584 | ng/ul# | 91 |

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

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