Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
Data File : BM011902.D
Acq On : 04 Oct 2017 22:18
Operator : SJ/JU
Sample : I5414-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** B0BK9

**Manual Integrations APPROVED**
Sohil
10/5/2017 6:17:52 PM

Quant Time: Oct 05 07:32:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 05 07:08:17 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.87 | 152 | 314684 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.68 | 136 | 1474261 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.52 | 164 | 935794 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.26 | 188 | 2161366 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.43 | 240 | 2017656 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.76 | 264 | 1690277 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 19076 | 2.87 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.03 | 99 | 335708 | 12.40 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.20 | 67 | 250895 | 15.66 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.40 | 132 | 321618 | 14.81 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.57 | 113 | 259196 | 11.07 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.04 | 128 | 169564 | 16.15 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.76 | 143 | 183860 | 15.55 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.30 | 165 | 337473 | 14.12 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.82 | 131 | 307096 | 11.78 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.92 | 166 | 1282582 | 15.81 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.21 | 160 | 1550164 | 16.27 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.72 | 143 | 30811 | 2.17 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.51 | 176 | 1175849 | 16.43 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.63 | 200 | 21882 | 1.50 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.36 | 188 | 1926531 | 18.09 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.65 | 212 | 2230020 | 24.50 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.61 | 264 | 1506577 | 18.53 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.06 | 94 | 31960 | 1.193 | ng/ul | 86 |
| 44) Dimethylphthalate | 13.97 | 163 | 612064 | 7.844 | ng/ul | 100 |
| 69) Phenanthrene | 17.30 | 178 | 673200 | 5.662 | ng/ul | 99 |
| 74) Fluoranthene | 19.32 | 202 | 1801206 | 12.417 | ng/ul# | 91 |
| 77) Pyrene | 19.67 | 202 | 1599279 | 14.295 | ng/ul# | 89 |
| 80) Benzo(a)anthracene | 21.42 | 228 | 768959 | 6.653 | ng/ul | 95 |
| 82) Chrysene | 21.47 | 228 | 996064 | 9.070 | ng/ul | 95 |
| 85) Benzo(b)fluoranthene | 23.06 | 252 | 1091245 | 10.621 | ng/ul# | 97 |
| 86) Benzo(k)fluoranthene | 23.10 | 252 | 343890m | 3.353 | ng/ul | |
| 88) Benzo(a)pyrene | 23.66 | 252 | 630221 | 6.384 | ng/ul# | 96 |
| 89) Indeno(1,2,3-cd)pyrene | 26.14 | 276 | 452374 | 4.282 | ng/ul# | 95 |
| 90) Dibenzo(a,h)anthracene | 26.14 | 278 | 115301m | 1.328 | ng/ul | |
| 91) Benzo(g,h,i)perylene | 26.87 | 276 | 376275 | 4.306 | ng/ul# | 89 |

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

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