Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM063016\
Data File : BM006156.D
Acq On : 30 Jun 2016 12:34
Operator : UM/SJ
Sample : H3779-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9YE8

Quant Time: Jun 30 15:34:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 263499 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.43 | 136 | 1165451 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.30 | 164 | 659846 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.05 | 188 | 1442922 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.25 | 240 | 1042600 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.47 | 264 | 1080510 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.17 | 96 | 5447 | 0.96 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.83 | 99 | 296249 | 13.76 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 6.99 | 67 | 183627 | 14.47 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.19 | 132 | 228517 | 13.83 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.36 | 113 | 191949 | 11.08 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.80 | 128 | 118019 | 15.03 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.52 | 143 | 129366 | 14.40 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.06 | 165 | 233278 | 14.23 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.57 | 131 | 183480 | 14.16 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.72 | 166 | 720365 | 15.23 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 13.99 | 160 | 926228 | 16.14 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.51 | 143 | 112627 | 12.55 | ng/ul | 0.00 |
| 21) Fluorene-d10 | 15.30 | 176 | 642608 | 15.92 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 77667 | 15.20 | ng/ul | 0.00 |
| 26) Anthracene-d10 | 17.15 | 188 | 947844 | 16.37 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.45 | 212 | 886218 | 21.11 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.33 | 264 | 688167 | 16.00 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 25) Phenanthrene | 17.09 | 178 | 295031 | 4.32 | ng/ul | 100 |
| 28) Fluoranthene | 19.12 | 202 | 720592 | 8.62 | ng/ul | 100 |
| 31) Pyrene | 19.48 | 202 | 520123 | 9.46 | ng/ul | 97 |
| 32) Benzo(a)anthracene | 21.23 | 228 | 275557 | 5.08 | ng/ul | 97 |
| 33) Chrysene | 21.29 | 228 | 272390 | 5.46 | ng/ul | 97 |
| 35) Benzo(b)fluoranthene | 22.80 | 252 | 376246 | 6.71 | ng/ul | 96 |
| 36) Benzo(k)fluoranthene | 22.80 | 252 | 376246 | 7.15 | ng/ul | 97 |
| 38) Benzo(a)pyrene | 23.37 | 252 | 234073 | 4.42 | ng/ul | 99 |
| 39) Indeno(1,2,3-cd)pyrene | 25.69 | 276 | 184446 | 3.35 | ng/ul | 96 |
| 40) Dibenzo(a,h)anthracene | 25.69 | 278 | 53775 | 1.18 | ng/ul# | 88 |
| 41) Benzo(g,h,i)perylene | 26.37 | 276 | 157078 | 3.41 | ng/ul | 99 |

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

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