Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021260.D
Acq On : 29 Jun 2019 14:01
Operator : HP/JU
Sample : K3593-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5BC6

**Manual Integrations APPROVED**
mohammad
7/1/2019 2:42:39 PM

Quant Time: Jun 29 22:56:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 268724 | 20.00 | ng/ul | -0.01 |
| 18) Naphthalene-d8 | 10.55 | 136 | 1188810 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.40 | 164 | 744079 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.15 | 188 | 1611589 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.33 | 240 | 1153242 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.60 | 264 | 1307580 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.28 | 96 | 21960 | 3.88 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.93 | 99 | 549646 | 23.50 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.10 | 67 | 317204 | 22.76 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.29 | 132 | 453018 | 23.83 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.46 | 113 | 467462 | 23.94 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.92 | 128 | 242009 | 25.07 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.63 | 143 | 286512 | 26.74 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.17 | 165 | 559645 | 25.69 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.69 | 131 | 411931 | 18.13 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.82 | 166 | 1814647 | 26.99 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.09 | 160 | 2098416 | 25.50 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.61 | 143 | 227608 | 20.81 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.39 | 176 | 1547251 | 26.46 | ng/ul | -0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 199586 | 20.15 | ng/ul | -0.01 |
| 70) Anthracene-d10 | 17.24 | 188 | 2206457 | 26.35 | ng/ul | -0.01 |
| 78) Pyrene-d10 | 19.54 | 212 | 2065710 | 29.85 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.46 | 264 | 1978773 | 25.65 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.96 | 94 | 26350 | 1.191 | ng/ul | 95 |
| 44) Dimethylphthalate | 13.86 | 163 | 286184 | 4.676 | ng/ul | 100 |
| 69) Phenanthrene | 17.19 | 178 | 761933 | 8.549 | ng/ul | 99 |
| 71) Anthracene | 17.28 | 178 | 120712 | 1.329 | ng/ul | 99 |
| 76) Fluoranthene | 19.21 | 202 | 2268462 | 23.555 | ng/ul | 100 |
| 79) Pyrene | 19.57 | 202 | 1795467 | 22.022 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.32 | 228 | 926017 | 11.778 | ng/ul | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.24 | 149 | 442643 | 10.301 | ng/ul | 99 |
| 84) Chrysene | 21.37 | 228 | 1095680 | 14.880 | ng/ul | 99 |
| 87) Benzo(b)fluoranthene | 22.92 | 252 | 1671520 | 20.180 | ng/ul | 98 |
| 88) Benzo(k)fluoranthene | 22.96 | 252 | 607174m | 7.620 | ng/ul | |
| 90) Benzo(a)pyrene | 23.51 | 252 | 942389 | 12.088 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.89 | 276 | 819095 | 8.922 | ng/ul | 95 |
| 92) Dibenzo(a,h)anthracene | 25.90 | 278 | 205529 | 2.661 | ng/ul# | 93 |
| 93) Benzo(g,h,i)perylene | 26.60 | 276 | 667446 | 8.828 | ng/ul | 98 |

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

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