Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014432.D
Acq On : 01 Mar 2018 09:56
Operator : SJ/JU
Sample : J1678-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5T2

**Manual Integrations APPROVED**
Sohil
3/1/2018 5:16:01 PM

Quant Time: Mar 01 13:21:38 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.51 | 152 | 144483 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.28 | 136 | 652387 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.17 | 164 | 393169 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.94 | 188 | 845272 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.15 | 240 | 807573 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.33 | 264 | 640206 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.09 | 96 | 14919 | 4.42 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.72 | 99 | 450738 | 36.91 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.86 | 67 | 263927 | 35.70 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.05 | 132 | 359752 | 38.42 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.24 | 113 | 379785 | 35.54 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.67 | 128 | 190273 | 39.47 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.39 | 143 | 209817 | 42.05 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.93 | 165 | 387229 | 37.47 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.45 | 131 | 402656 | 39.54 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.60 | 166 | 1263085 | 38.90 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.86 | 160 | 1615561 | 40.35 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.44 | 143 | 175132m | 39.07 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.18 | 176 | 1052824 | 36.19 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 52888 | 10.43 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.04 | 188 | 1612431 | 39.54 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.35 | 212 | 1813134 | 43.53 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.20 | 264 | 1192569 | 38.27 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.74 | 94 | 24703 | 1.928 | ng/ul# | 87 |
| 44) Dimethylphthalate | 13.64 | 163 | 329175 | 10.281 | ng/ul | 98 |
| 49) Acenaphthene | 14.23 | 153 | 79565 | 2.986 | ng/ul | 97 |
| 53) Dibenzofuran | 14.58 | 168 | 50243 | 1.257 | ng/ul | 88 |
| 58) Fluorene | 15.23 | 166 | 79680 | 2.310 | ng/ul | 95 |
| 69) Phenanthrene | 16.98 | 178 | 1053496 | 21.632 | ng/ul | 100 |
| 71) Anthracene | 17.07 | 178 | 247643 | 5.056 | ng/ul | 99 |
| 72) Carbazole | 17.36 | 167 | 124239 | 3.017 | ng/ul# | 96 |
| 74) Fluoranthene | 19.01 | 202 | 1640900 | 28.201 | ng/ul# | 93 |
| 77) Pyrene | 19.38 | 202 | 1359110 | 25.324 | ng/ul# | 94 |
| 80) Benzo(a)anthracene | 21.14 | 228 | 691890 | 13.728 | ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 420386 | 13.228 | ng/ul# | 93 |
| 82) Chrysene | 21.19 | 228 | 621918 | 13.227 | ng/ul | 96 |
| 85) Benzo(b)fluoranthene | 22.69 | 252 | 637501 | 14.872 | ng/ul# | 96 |
| 86) Benzo(k)fluoranthene | 22.72 | 252 | 230851 | 5.664 | ng/ul# | 90 |
| 88) Benzo(a)pyrene | 23.24 | 252 | 445671 | 11.634 | ng/ul# | 98 |
| 89) Indeno(1,2,3-cd)pyrene | 25.50 | 276 | 248722 | 6.691 | ng/ul# | 95 |
| 90) Dibenzo(a,h)anthracene | 25.50 | 278 | 73044 | 2.365 | ng/ul# | 91 |
| 91) Benzo(g,h,i)perylene | 26.16 | 276 | 196843 | 6.537 | ng/ul# | 92 |

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

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