Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014804.D
Acq On : 24 Apr 2018 08:04
Operator : SJ/JU
Sample : J2434-19DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations APPROVED
Sohil
4/24/2018 7:13:49 PM

Quant Time: Apr 24 14:59:24 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.53 | 152 | 400902 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.37 | 136 | 1703092 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 15.13 | 164 | 895286 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.84 | 188 | 1889499 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.93 | 240 | 1883412 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 24.42 | 264 | 1991560 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.67 | 96 | 9897m | 1.08 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.65 | 99 | 146640 | 4.73 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.83 | 67 | 108741 | 5.47 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 8.05 | 132 | 129900 | 5.01 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.22 | 113 | 108150 | 4.38 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.70 | 128 | 60974 | 4.95 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.43 | 143 | 57310 | 4.67 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.97 | 165 | 116200 | 4.66 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.49 | 131 | 136069 | 5.53 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.52 | 166 | 354941 | 5.08 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.83 | 160 | 439486 | 5.09 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.28 | 143 | 29327 | 2.26 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 16.10 | 176 | 310050 | 5.10 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.20 | 200 | 12123 | 1.19 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.93 | 188 | 450795 | 5.12 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.17 | 212 | 486550 | 5.46 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 24.26 | 264 | 483958 | 4.95 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 69) Phenanthrene | 17.88 | 178 | 195984 | 1.931 | ng/ul | 96 |
| 74) Fluoranthene | 19.84 | 202 | 1068942 | 9.662 | ng/ul# | 82 |
| 77) Pyrene | 20.20 | 202 | 1194382 | 10.854 | ng/ul# | 78 |
| 80) Benzo(a)anthracene | 21.91 | 228 | 1044589 | 9.484 | ng/ul | 98 |
| 82) Chrysene | 21.96 | 228 | 1147932 | 11.134 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 23.66 | 252 | 2242572 | 19.102 | ng/ul# | 95 |
| 86) Benzo(k)fluoranthene | 23.70 | 252 | 677732m | 6.003 | ng/ul | |
| 88) Benzo(a)pyrene | 24.31 | 252 | 1684078 | 15.122 | ng/ul# | 96 |
| 89) Indeno(1,2,3-cd)pyrene | 27.00 | 276 | 1265403 | 9.393 | ng/ul# | 91 |
| 90) Dibenzo(a,h)anthracene | 26.99 | 278 | 321222 | 2.832 | ng/ul# | 90 |
| 91) Benzo(g,h,i)perylene | 27.80 | 276 | 1309263 | 11.813 | ng/ul# | 90 |

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

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