Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023251.D
Acq On : 18 Oct 2019 10:39
Operator : JU
Sample : K5235-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEPC4

Manual Integrations APPROVED
mohammad
10/20/2019 8:07:23 PM

Quant Time: Oct 18 15:26:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 07:48:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 395396 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.44 | 136 | 1547338 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.30 | 164 | 954704 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.05 | 188 | 2013030 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.24 | 240 | 2141628 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.45 | 264 | 2551211 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.17 | 96 | 27275 | 3.04 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.83 | 99 | 445310 | 12.93 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.00 | 67 | 298110 | 15.30 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.19 | 132 | 415257 | 15.76 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.36 | 113 | 312137 | 11.28 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.80 | 128 | 200432 | 19.15 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.53 | 143 | 220027 | 22.07 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.06 | 165 | 418433 | 16.51 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.57 | 131 | 443365 | 14.38 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.72 | 166 | 1396350 | 19.08 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.99 | 160 | 1602634 | 18.68 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.50 | 143 | 96858 | 8.18 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.30 | 176 | 1208677 | 19.39 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 110097 | 13.79 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.14 | 188 | 1960394 | 20.20 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.44 | 212 | 2408556 | 23.22 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.31 | 264 | 2867757 | 22.18 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.86 | 94 | 74697 | 2.103 | ng/ul | 97 |
| 45) Dimethylphthalate | 13.77 | 163 | 372589 | 5.088 | ng/ul | 100 |
| 70) Phenanthrene | 17.09 | 178 | 438585 | 3.882 | ng/ul | 99 |
| 72) Anthracene | 17.18 | 178 | 164669 | 1.411 | ng/ul | 98 |
| 77) Fluoranthene | 19.11 | 202 | 1152714 | 8.579 | ng/ul | 100 |
| 80) Pyrene | 19.47 | 202 | 1250680 | 9.322 | ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.40 | 149 | 48292 | 1.035 | ng/ul | 97 |
| 83) Benzo(a)anthracene | 21.23 | 228 | 840538 | 5.792 | ng/ul | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 243520 | 3.282 | ng/ul | 99 |
| 85) Chrysene | 21.28 | 228 | 844612 | 6.268 | ng/ul | 98 |
| 87) Di-n-octyl phthalate | 22.06 | 149 | 156107 | 1.186 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 22.79 | 252 | 1063513 | 6.876 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 22.83 | 252 | 453821m | 3.055 | ng/ul | |
| 91) Benzo(a)pyrene | 23.36 | 252 | 825718 | 5.564 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 655492 | 3.713 | ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 25.68 | 278 | 296296 | 2.007 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 26.34 | 276 | 631747 | 4.346 | ng/ul | 97 |

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

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