Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041951.D
Acq On : 4 Aug 2019 20:48
Operator : HP/JU
Sample : K3962-13
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEP06

Manual Integrations APPROVED
mohammad
8/5/2019 3:04:02 PM

Quant Time: Aug 05 09:58:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.04 | 152 | 80290 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.86 | 136 | 325792 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.69 | 164 | 224345 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.45 | 188 | 472336 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.73 | 240 | 476150 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 25.01 | 264 | 537247 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.42 | 96 | 4159 | 2.27 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.18 | 99 | 104526 | 16.59 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.35 | 67 | 56925 | 16.15 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.57 | 132 | 93024 | 17.27 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.74 | 113 | 79769 | 15.08 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.20 | 128 | 47416 | 19.33 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.93 | 143 | 58567 | 20.57 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.47 | 165 | 114947 | 20.00 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.99 | 131 | 95381 | 14.95 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.09 | 166 | 358647 | 20.61 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.39 | 160 | 412677 | 20.76 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.88 | 143 | 43668 | 14.95 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.69 | 176 | 315038 | 20.35 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.80 | 200 | 43271 | 14.28 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.55 | 188 | 487825 | 21.53 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.83 | 212 | 550317 | 20.71 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.79 | 264 | 606199 | 21.60 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.21 | 94 | 6760 | 1.039 | ng/ul# | 81 |
| 44) Dimethylphthalate | 14.14 | 163 | 144199 | 8.347 | ng/ul | 99 |
| 69) Phenanthrene | 17.49 | 178 | 243238 | 9.407 | ng/ul | 99 |
| 71) Anthracene | 17.58 | 178 | 52577 | 2.005 | ng/ul | 98 |
| 76) Fluoranthene | 19.50 | 202 | 446798 | 14.955 | ng/ul | 97 |
| 79) Pyrene | 19.86 | 202 | 543275 | 16.962 | ng/ul | 96 |
| 82) Benzo(a)anthracene | 21.71 | 228 | 336497 | 10.193 | ng/ul | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.62 | 149 | 29870 | 1.737 | ng/ul | 97 |
| 84) Chrysene | 21.78 | 228 | 357642 | 11.607 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 23.97 | 252 | 370080 | 10.977 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 24.03 | 252 | 123484m | 3.809 | ng/ul | |
| 90) Benzo(a)pyrene | 24.86 | 252 | 296879 | 9.241 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 28.74 | 276 | 138066 | 3.684 | ng/ul | 95 |
| 92) Dibenzo(a,h)anthracene | 28.79 | 278 | 44320m | 1.450 | ng/ul | |
| 93) Benzo(g,h,i)perylene | 29.92 | 276 | 128342 | 4.102 | ng/ul | 99 |

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

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