Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009830.D
Acq On : 22 Feb 2020 05:15
Operator : CG/JU
Sample : L1535-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6R1

Manual Integrations APPROVED
mohammad
2/24/2020 4:48:37 PM

Quant Time: Feb 22 05:54:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 109418 | 20.00 | ng/ul | -0.02 |
| 18) Naphthalene-d8 | 10.14 | 136 | 463469 | 20.00 | ng/ul | -0.02 |
| 36) Acenaphthene-d10 | 14.03 | 164 | 293162 | 20.00 | ng/ul | -0.02 |
| 62) Phenanthrene-d10 | 16.79 | 188 | 618653 | 20.00 | ng/ul | -0.02 |
| 78) Chrysene-d12 | 21.00 | 240 | 551126 | 20.00 | ng/ul | -0.02 |
| 86) Perylene-d12 | 23.10 | 264 | 596688 | 20.00 | ng/ul | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.03 | 96 | 4905m | 1.84 | ng/uL | -0.02 |
| 5) Phenol-d5 | 6.60 | 99 | 93485 | 10.04 | ng/ul | -0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.75 | 67 | 68993 | 10.74 | ng/ul | -0.02 |
| 9) 2-Chlorophenol-d4 | 6.93 | 132 | 73043 | 10.42 | ng/ul | -0.02 |
| 13) 4-Methylphenol-d8 | 8.11 | 113 | 52412 | 7.08 | ng/ul | -0.02 |
| 19) Nitrobenzene-d5 | 8.53 | 128 | 32459 | 9.57 | ng/ul | -0.02 |
| 22) 2-Nitrophenol-d4 | 9.25 | 143 | 36869 | 9.94 | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3 | 9.79 | 165 | 67304 | 9.44 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.30 | 131 | 55567 | 6.94 | ng/ul | -0.01 |
| 44) Dimethylphthalate-d6 | 13.46 | 166 | 243778 | 11.13 | ng/ul | -0.02 |
| 47) Acenaphthylene-d8 | 13.72 | 160 | 282441 | 10.95 | ng/ul | -0.02 |
| 52) 4-Nitrophenol-d4 | 14.29 | 143 | 24978m | 6.25 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.03 | 176 | 212928 | 11.26 | ng/ul | -0.02 |
| 63) 4,6-Dinitro-2-methylphenol | 15.20 | 200 | 21872 | 5.69 | ng/ul | -0.01 |
| 71) Anthracene-d10 | 16.89 | 188 | 302436 | 10.66 | ng/ul | -0.02 |
| 79) Pyrene-d10 | 19.19 | 212 | 362883 | 12.60 | ng/ul | -0.02 |
| 90) Benzo(a)pyrene-d12 | 22.97 | 264 | 348953 | 11.71 | ng/ul | -0.03 |
| **Target Compounds** | | | | | | Qvalue |
| 70) Phenanthrene | 16.83 | 178 | 253548 | 7.181 | ng/ul | 99 |
| 72) Anthracene | 16.92 | 178 | 48267 | 1.337 | ng/ul | 96 |
| 77) Fluoranthene | 18.86 | 202 | 357996 | 8.656 | ng/ul | 99 |
| 80) Pyrene | 19.22 | 202 | 325679 | 8.197 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 20.99 | 228 | 169345 | 4.471 | ng/ul | 98 |
| 85) Chrysene | 21.04 | 228 | 167886 | 4.503 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.49 | 252 | 220641 | 5.703 | ng/ul# | 94 |
| 89) Benzo(k)fluoranthene | 22.53 | 252 | 55384m | 1.512 | ng/ul | |
| 91) Benzo(a)pyrene | 23.02 | 252 | 136862 | 3.933 | ng/ul | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 25.14 | 276 | 91288 | 2.210 | ng/ul | 97 |
| 94) Benzo(g,h,i)perylene | 25.76 | 276 | 86546 | 2.498 | ng/ul | 97 |

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

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