Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062119\
Data File : BN006468.D
Acq On : 21 Jun 2019 16:21
Operator : HP/JU
Sample : K3388-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4218

Manual Integrations APPROVED
mohammad
6/25/2019 8:35:15 AM

Quant Time: Jun 21 17:37:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 06:31:50 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 241483 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.40 | 136 | 1146230 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.28 | 164 | 680937 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.03 | 188 | 1505679 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.26 | 240 | 1327850 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.50 | 264 | 1237243 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.13 | 96 | 19346 | 3.13 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.80 | 99 | 341085 | 13.27 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.96 | 67 | 231961 | 14.57 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.16 | 132 | 263733 | 13.91 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.33 | 113 | 262671 | 12.88 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.78 | 128 | 131193 | 14.29 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.50 | 143 | 141039 | 14.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.03 | 165 | 265333 | 13.81 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.55 | 131 | 239841 | 10.86 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.69 | 166 | 932339 | 15.62 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.97 | 160 | 1097474 | 15.00 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.51 | 143 | 77419 | 7.59 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.28 | 176 | 823806 | 16.23 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 71868 | 7.54 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.13 | 188 | 1249581 | 16.48 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.45 | 212 | 1371041 | 17.68 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.36 | 264 | 1130195 | 16.17 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.83 | 94 | 31388 | 1.266 | ng/ul# | 90 |
| 44) Dimethylphthalate | 13.74 | 163 | 263264 | 4.785 | ng/ul | 99 |
| 69) Phenanthrene | 17.07 | 178 | 704347 | 8.481 | ng/ul | 100 |
| 71) Anthracene | 17.17 | 178 | 179869 | 2.134 | ng/ul | 98 |
| 76) Fluoranthene | 19.11 | 202 | 1758380 | 19.646 | ng/ul | 100 |
| 79) Pyrene | 19.47 | 202 | 1405019 | 15.541 | ng/ul | 100 |
| 82) Benzo(a)anthracene | 21.25 | 228 | 839805 | 9.253 | ng/ul | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 299490 | 5.152 | ng/ul | 100 |
| 84) Chrysene | 21.30 | 228 | 843706 | 9.768 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 22.83 | 252 | 951325 | 12.812 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 22.87 | 252 | 357150m | 5.033 | ng/ul | |
| 90) Benzo(a)pyrene | 23.40 | 252 | 601757 | 8.451 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 25.73 | 276 | 365850 | 4.342 | ng/ul | 93 |
| 92) Dibenzo(a,h)anthracene | 25.73 | 278 | 99153m | 1.421 | ng/ul | |
| 93) Benzo(g,h,i)perylene | 26.41 | 276 | 326146 | 4.596 | ng/ul | 99 |

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

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