Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
Data File : BP000803.D
Acq On : 16 Oct 2019 11:17
Operator : JU
Sample : K5199-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPH1

Manual Integrations APPROVED
mohammad
10/20/2019 8:10:38 PM

Quant Time: Oct 17 08:22:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 07:55:39 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.75 | 152 | 218403 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 8.03 | 136 | 827747 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 9.80 | 164 | 452246 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 11.30 | 188 | 784354 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 13.97 | 240 | 541022 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 15.45 | 264 | 618118 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.38 | 96 | 25525 | 4.85 | ng/uL | 0.02 |
| 5) Phenol-d5 | 6.39 | 99 | 443826 | 26.34 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.43 | 67 | 241969 | 28.73 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.52 | 132 | 401138 | 28.26 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 7.13 | 113 | 323510 | 25.14 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 7.30 | 128 | 193280 | 30.72 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 7.63 | 143 | 211194 | 31.52 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 7.88 | 165 | 368696 | 28.75 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 8.09 | 131 | 332306 | 23.30 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 9.49 | 166 | 1011087 | 31.94 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 9.64 | 160 | 1209863 | 31.07 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 9.92 | 143 | 96210 | 19.73 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 10.32 | 176 | 841576 | 31.07 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 10.39 | 200 | 70391 | 18.85 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 11.35 | 188 | 1142129 | 31.44 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 12.74 | 212 | 1076778 | 35.20 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 15.36 | 264 | 987691 | 32.37 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.40 | 94 | 22964 | 1.352 | ng/ul | 95 |
| 45) Dimethylphthalate | 9.51 | 163 | 311097 | 9.862 | ng/ul | 99 |
| 70) Phenanthrene | 11.32 | 178 | 230739 | 5.398 | ng/ul | 100 |
| 72) Anthracene | 11.37 | 178 | 49936 | 1.151 | ng/ul | 98 |
| 77) Fluoranthene | 12.52 | 202 | 448998 | 10.251 | ng/ul | 98 |
| 80) Pyrene | 12.76 | 202 | 446743 | 11.638 | ng/ul | 97 |
| 83) Benzo(a)anthracene | 13.96 | 228 | 225138 | 6.200 | ng/ul | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149 | 537822 | 25.794 | ng/ul# | 99 |
| 85) Chrysene | 14.00 | 228 | 241339 | 7.151 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 15.02 | 252 | 273241 | 7.409 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 15.05 | 252 | 97721 | 2.782 | ng/ul | 97 |
| 91) Benzo(a)pyrene | 15.39 | 252 | 206609 | 5.917 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 16.92 | 276 | 130976 | 3.272 | ng/ul | 95 |
| 93) Dibenzo(a,h)anthracene | 16.93 | 278 | 35602m | 1.085 | ng/ul | |
| 94) Benzo(g,h,i)perylene | 17.36 | 276 | 103523 | 3.106 | ng/ul | 99 |

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

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