Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020854.D
Acq On : 11 Jun 2019 02:37
Operator : HP/JU
Sample : K3017-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 11 05:47:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration

**Instrument :** BNA_M
**ClientSampleId :** A51F0

**Manual Integrations APPROVED**
mohammad
6/12/2019 8:29:13 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.81 | 152 | 353781 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.60 | 136 | 1385193 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.45 | 164 | 758155 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.19 | 188 | 1549703 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.37 | 240 | 1511218 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.66 | 264 | 1804499 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.30 | 96 | 24098 | 3.25 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.97 | 99 | 476291 | 17.60 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.15 | 67 | 300194 | 18.50 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.34 | 132 | 419118 | 19.44 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.50 | 113 | 387027 | 17.77 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.97 | 128 | 191476 | 20.25 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.69 | 143 | 211802 | 21.76 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.22 | 165 | 395127 | 19.46 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.74 | 131 | 223126 | 9.13 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.86 | 166 | 1161204 | 20.71 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.14 | 160 | 1387158 | 19.51 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.65 | 143 | 118715 | 12.34 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.44 | 176 | 937164 | 19.66 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200 | 71634 | 9.04 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.29 | 188 | 1337864 | 19.76 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.59 | 212 | 1371252 | 18.77 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.51 | 264 | 1565328 | 19.09 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.00 | 94 | 30558 | 1.097 | ng/ul | 96 |
| 44) Dimethylphthalate | 13.90 | 163 | 399793 | 7.120 | ng/ul | 100 |
| 69) Phenanthrene | 17.23 | 178 | 2513655 | 32.229 | ng/ul | 99 |
| 71) Anthracene | 17.32 | 178 | 208944 | 2.614 | ng/ul | 99 |
| 74) Carbazole | 17.60 | 167 | 467055 | 6.718 | ng/ul | 99 |
| 76) Fluoranthene | 19.25 | 202 | 9121307 | 102.053 | ng/ul | 99 |
| 79) Pyrene | 19.62 | 202 | 7100278 | 76.114 | ng/ul | 96 |
| 82) Benzo(a)anthracene | 21.36 | 228 | 3032875 | 32.171 | ng/ul | 96 |
| 84) Chrysene | 21.41 | 228 | 4838232 | 55.310 | ng/ul | 99 |
| 87) Benzo(b)fluoranthene | 22.97 | 252 | 8516798 | 81.133 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 23.01 | 252 | 2212918m | 22.055 | ng/ul | |
| 90) Benzo(a)pyrene | 23.56 | 252 | 4338320 | 43.440 | ng/ul | 96 |
| 91) Indeno(1,2,3-cd)pyrene | 25.98 | 276 | 4332237 | 36.728 | ng/ul# | 94 |
| 92) Dibenzo(a,h)anthracene | 25.98 | 278 | 957992 | 9.585 | ng/ul# | 83 |
| 93) Benzo(g,h,i)perylene | 26.70 | 276 | 3873336 | 40.475 | ng/ul | 96 |

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

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