Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019729.D
Acq On : 03 Apr 2019 14:29
Operator : JU/SJ
Sample : K2148-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
BF5F7

**Manual Integrations APPROVED**
Sohil
4/4/2019 5:42:54 PM

Quant Time: Apr 04 02:10:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 04 01:45:37 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.56 | 152 | 172368 | 20.00 | ng/ul | -0.02 |
| 18) Naphthalene-d8 | 10.35 | 136 | 788566 | 20.00 | ng/ul | -0.01 |
| 36) Acenaphthene-d10 | 14.23 | 164 | 459264 | 20.00 | ng/ul | -0.01 |
| 62) Phenanthrene-d10 | 16.99 | 188 | 959658 | 20.00 | ng/ul | -0.01 |
| 78) Chrysene-d12 | 21.20 | 240 | 708519 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.40 | 264 | 671190 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.12 | 96 | 32255 | 7.33 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.75 | 99 | 425672 | 27.73 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.92 | 67 | 265107 | 25.80 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4 | 7.10 | 132 | 336519 | 28.93 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.28 | 113 | 366493 | 31.81 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 8.73 | 128 | 158494 | 28.18 | ng/ul | -0.02 |
| 22) 2-Nitrophenol-d4 | 9.45 | 143 | 190416 | 30.41 | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3 | 9.98 | 165 | 350492 | 29.67 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.51 | 131 | 318495 | 22.45 | ng/ul | -0.01 |
| 44) Dimethylphthalate-d6 | 13.65 | 166 | 1212880 | 32.73 | ng/ul | -0.01 |
| 47) Acenaphthylene-d8 | 13.92 | 160 | 1387804 | 29.95 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4 | 14.48 | 143 | 156419 | 26.93 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.23 | 176 | 998668 | 31.28 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 137439 | 21.66 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.09 | 188 | 1488108 | 32.31 | ng/ul | -0.01 |
| 79) Pyrene-d10 | 19.40 | 212 | 1328944 | 40.61 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.26 | 264 | 1004305 | 28.22 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.40 | 128 | 74457 | 1.823 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.70 | 163 | 130810 | 3.518 | ng/ul# | 99 |
| 48) Acenaphthylene | 13.95 | 152 | 79536 | 1.732 | ng/ul | 99 |
| 70) Phenanthrene | 17.03 | 178 | 782312 | 14.378 | ng/ul | 100 |
| 72) Anthracene | 17.12 | 178 | 169560 | 3.055 | ng/ul | 99 |
| 77) Fluoranthene | 19.06 | 202 | 3023788 | 48.498 | ng/ul# | 85 |
| 80) Pyrene | 19.43 | 202 | 2826681 | 66.315 | ng/ul# | 80 |
| 83) Benzo(a)anthracene | 21.19 | 228 | 1358636 | 31.859 | ng/ul | 96 |
| 85) Chrysene | 21.23 | 228 | 1288577 | 31.491 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.74 | 252 | 1885327 | 46.114 | ng/ul# | 95 |
| 89) Benzo(k)fluoranthene | 22.78 | 252 | 572655m | 14.586 | ng/ul | |
| 91) Benzo(a)pyrene | 23.31 | 252 | 1330939 | 34.053 | ng/ul# | 94 |
| 92) Indeno(1,2,3-cd)pyrene | 25.62 | 276 | 1022085 | 20.883 | ng/ul# | 92 |
| 93) Dibenzo(a,h)anthracene | 25.62 | 278 | 261964 | 6.278 | ng/ul# | 83 |
| 94) Benzo(g,h,i)perylene | 26.30 | 276 | 851310 | 20.815 | ng/ul# | 93 |

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

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