Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022936.D
Acq On : 04 Oct 2019 01:14
Operator : JU
Sample : K4988-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ESNY8

Quant Time: Oct 04 04:42:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 02:36:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.79 | 152 | 215832 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.59 | 136 | 902308 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.43 | 164 | 511007 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.17 | 188 | 922188 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.34 | 240 | 747059 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.61 | 264 | 882379 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.27 | 96 | 11906 | 2.39 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.96 | 99 | 238275 | 12.50 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.13 | 67 | 142131 | 13.62 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.33 | 132 | 206238 | 13.43 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.50 | 113 | 137058 | 8.78 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.95 | 128 | 98669 | 14.17 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.67 | 143 | 107231 | 14.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.21 | 165 | 198684 | 13.12 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.72 | 131 | 174686 | 9.50 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.84 | 166 | 615080 | 15.51 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.12 | 160 | 724767 | 15.83 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.63 | 143 | 56272 | 7.18 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.42 | 176 | 524289 | 15.51 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 43532 | 7.25 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.27 | 188 | 731422 | 16.24 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.56 | 212 | 749054 | 18.63 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.46 | 264 | 783378 | 17.16 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.99 | 94 | 41276 | 2.065 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.89 | 163 | 181563 | 4.457 | ng/ul | 100 |
| 70) Phenanthrene | 17.21 | 178 | 82460 | 1.498 | ng/ul | 100 |
| 77) Fluoranthene | 19.23 | 202 | 202723 | 3.275 | ng/ul | 99 |
| 80) Pyrene | 19.59 | 202 | 179159 | 3.383 | ng/ul | 97 |
| 83) Benzo(a)anthracene | 21.33 | 228 | 84476 | 1.575 | ng/ul | 98 |
| 85) Chrysene | 21.38 | 228 | 87310 | 1.766 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.93 | 252 | 120479 | 2.057 | ng/ul# | 95 |
| 91) Benzo(a)pyrene | 23.51 | 252 | 89900 | 1.636 | ng/ul# | 96 |
| 92) Indeno(1,2,3-cd)pyrene | 25.90 | 276 | 67709 | 1.160 | ng/ul | 96 |
| 94) Benzo(g,h,i)perylene | 26.59 | 276 | 73178 | 1.554 | ng/ul | 98 |

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

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