Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021296.D
Acq On : 30 Jun 2019 13:32
Operator : HP/JU
Sample : K3590-13
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BB2

Manual Integrations APPROVED
mohammad
7/1/2019 2:44:28 PM

Quant Time: Jul 01 01:56:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 347228 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.55 | 136 | 1467629 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.40 | 164 | 854160 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.15 | 188 | 1592178 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.34 | 240 | 1294147 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.61 | 264 | 1590211 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.28 | 96 | 23658 | 3.24 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.93 | 99 | 601798 | 19.91 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.10 | 67 | 332811 | 18.48 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.29 | 132 | 509247 | 20.74 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.46 | 113 | 459994 | 18.23 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.92 | 128 | 257061 | 21.57 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.63 | 143 | 305426 | 23.09 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.17 | 165 | 581431 | 21.62 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.69 | 131 | 84348 | 3.01 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.82 | 166 | 1687220 | 21.86 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.09 | 160 | 1995143 | 21.12 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.63 | 143 | 201134 | 16.02 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.40 | 176 | 1370297 | 20.41 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 109192 | 11.16 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.25 | 188 | 1742664 | 21.06 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.54 | 212 | 1640205 | 21.12 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.47 | 264 | 1960825 | 20.90 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.96 | 94 | 33165 | 1.160 | ng/ul# | 89 |
| 44) Dimethylphthalate | 13.86 | 163 | 355518 | 5.060 | ng/ul | 99 |
| 68) Pentachlorophenol | 16.80 | 266 | 13561 | 1.209 | ng/ul | 96 |
| 69) Phenanthrene | 17.19 | 178 | 481113 | 5.464 | ng/ul | 99 |
| 76) Fluoranthene | 19.21 | 202 | 1306279 | 13.729 | ng/ul | 97 |
| 79) Pyrene | 19.57 | 202 | 1053796 | 11.518 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.33 | 228 | 557349 | 6.317 | ng/ul | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.24 | 149 | 81653 | 1.693 | ng/ul | 100 |
| 84) Chrysene | 21.37 | 228 | 692842 | 8.385 | ng/ul | 97 |
| 87) Benzo(b)fluoranthene | 22.93 | 252 | 1112434 | 11.044 | ng/ul# | 94 |
| 88) Benzo(k)fluoranthene | 22.97 | 252 | 382583m | 3.948 | ng/ul | |
| 90) Benzo(a)pyrene | 23.52 | 252 | 648496 | 6.840 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.91 | 276 | 559542 | 5.012 | ng/ul | 97 |
| 92) Dibenzo(a,h)anthracene | 25.92 | 278 | 136496 | 1.453 | ng/ul# | 69 |
| 93) Benzo(g,h,i)perylene | 26.63 | 276 | 518279 | 5.636 | ng/ul | 98 |

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

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