Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023122.D
Acq On : 11 Oct 2019 10:32
Operator : JU
Sample : K5124-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM51

Manual Integrations APPROVED
mohammad
10/16/2019 8:02:20 AM

Quant Time: Oct 12 00:00:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 188202 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.56 | 136 | 706865 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.40 | 164 | 360887 | 20.00 | ng/ul | -0.01 |
| 62) Phenanthrene-d10 | 17.14 | 188 | 667724 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.33 | 240 | 668950 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.59 | 264 | 807088 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.25 | 96 | 17221 | 3.96 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.94 | 99 | 304897 | 18.34 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.10 | 67 | 192642 | 21.17 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4 | 7.30 | 132 | 277666 | 20.74 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.47 | 113 | 240688 | 17.68 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 8.92 | 128 | 128427 | 23.54 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.64 | 143 | 133127 | 22.35 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.17 | 165 | 236619 | 19.95 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.70 | 131 | 83237 | 5.78 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.82 | 166 | 623097 | 22.25 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.10 | 160 | 757860 | 23.44 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.60 | 143 | 47204 | 8.53 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.40 | 176 | 520310 | 21.80 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 55848 | 12.85 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.24 | 188 | 747755 | 22.93 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.54 | 212 | 811504 | 22.54 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.45 | 264 | 953358 | 22.83 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 6.92 | 77 | 13513 | 1.793 | ng/ul | 97 |
| 6) Phenol | 6.96 | 94 | 67007 | 3.844 | ng/ul | 99 |
| 16) 4-Methylphenol | 8.53 | 108 | 69181 | 4.657 | ng/ul | 90 |
| 28) Naphthalene | 10.60 | 128 | 108711 | 2.848 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.22 | 142 | 40544 | 1.417 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.86 | 163 | 210380 | 7.312 | ng/ul | 99 |
| 48) Acenaphthylene | 14.13 | 152 | 329927 | 9.451 | ng/ul | 100 |
| 50) Acenaphthene | 14.47 | 153 | 90638 | 3.727 | ng/ul | 99 |
| 54) Dibenzofuran | 14.80 | 168 | 81480 | 2.346 | ng/ul | 98 |
| 59) Fluorene | 15.45 | 166 | 102070 | 3.637 | ng/ul | 98 |
| 70) Phenanthrene | 17.19 | 178 | 2954156 | 74.130 | ng/ul | 99 |
| 72) Anthracene | 17.28 | 178 | 346205 | 8.526 | ng/ul | 100 |
| 75) Carbazole | 17.54 | 167 | 428298 | 11.868 | ng/ul | 99 |
| 77) Fluoranthene | 19.21 | 202 | 4420684 | 98.632 | ng/ul | 100 |
| 80) Pyrene | 19.57 | 202 | 4397058 | 92.725 | ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.47 | 149 | 36843 | 1.889 | ng/ul | 88 |
| 83) Benzo(a)anthracene | 21.32 | 228 | 1809191 | 37.670 | ng/ul | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 21.25 | 149 | 68282 | 2.464 | ng/ul# | 96 |
| 85) Chrysene | 21.37 | 228 | 2282897 | 51.555 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 22.92 | 252 | 3148367m | 58.782 | ng/ul | |
| 89) Benzo(k)fluoranthene | 22.94 | 252 | 986646m | 19.255 | ng/ul | |
| 91) Benzo(a)pyrene | 23.50 | 252 | 2566138 | 51.069 | ng/ul | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 25.89 | 276 | 1842784 | 34.527 | ng/ul | 96 |

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|---|---|---|---|---|---|---|
| 93) Dibenzo(a,h)anthracene | 25.89 | 278 | 408464 | 9.148 | ng/ul# | 87 |
| 94) Benzo(g,h,i)perylene | 26.60 | 276 | 1805707 | 41.935 | ng/ul | 98 |

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

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