Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM79DL

Manual Integrations APPROVED
mohammad
10/16/2019 7:54:17 AM

Quant Time: Oct 15 16:57:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 02:28:10 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 420338 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.47 | 136 | 1773485 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.33 | 164 | 1132911 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.07 | 188 | 2303853 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.26 | 240 | 1813462 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.49 | 264 | 2455973 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.21 | 96 | 7150 | 0.75 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.94 | 99 | 156039 | 4.26 | ng/ul | 0.08 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.03 | 67 | 82890 | 4.00 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.23 | 132 | 119828 | 4.28 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.40 | 113 | 123358 | 4.19 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 8.84 | 128 | 49840 | 4.15 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.56 | 143 | 47034 | 4.12 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.10 | 165 | 125283 | 4.31 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.60 | 131 | 40417 | 1.14 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.75 | 166 | 377461 | 4.35 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.02 | 160 | 461155 | 4.53 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.52 | 143 | 38407 | 2.73 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.32 | 176 | 338505 | 4.58 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 21493 | 2.35 | ng/ul | -0.01 |
| 71) Anthracene-d10 | 17.17 | 188 | 517163 | 4.66 | ng/ul | -0.01 |
| 79) Pyrene-d10 | 19.47 | 212 | 507436 | 5.78 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.34 | 264 | 440636 | 3.54 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 13.80 | 163 | 121090 | 1.393 | ng/ul | 99 |
| 48) Acenaphthylene | 14.05 | 152 | 706275 | 6.784 | ng/ul | 99 |
| 59) Fluorene | 15.38 | 166 | 154768 | 1.833 | ng/ul | 99 |
| 70) Phenanthrene | 17.12 | 178 | 1674587 | 12.952 | ng/ul | 99 |
| 72) Anthracene | 17.20 | 178 | 375061 | 2.807 | ng/ul | 99 |
| 77) Fluoranthene | 19.13 | 202 | 4475700 | 29.107 | ng/ul | 99 |
| 80) Pyrene | 19.50 | 202 | 4633159 | 40.783 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.24 | 228 | 2019623 | 16.436 | ng/ul | 95 |
| 84) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 402138 | 6.401 | ng/ul | 99 |
| 85) Chrysene | 21.30 | 228 | 2820032 | 24.717 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.83 | 252 | 2910013 | 19.542 | ng/ul# | 97 |
| 89) Benzo(k)fluoranthene | 22.86 | 252 | 860153m | 6.016 | ng/ul | |
| 91) Benzo(a)pyrene | 23.39 | 252 | 2104421 | 14.730 | ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 25.70 | 276 | 1373314 | 8.080 | ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 25.72 | 278 | 379597 | 2.671 | ng/ul# | 92 |
| 94) Benzo(g,h,i)perylene | 26.39 | 276 | 1121939 | 8.018 | ng/ul | 99 |

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

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