Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023245.D
Acq On : 18 Oct 2019 07:04
Operator : JU
Sample : K5235-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEPB6

**Manual Integrations APPROVED**
mohammad
10/20/2019 8:06:58 PM

Quant Time: Oct 18 08:47:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 07:48:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 413290 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.44 | 136 | 1568558 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.30 | 164 | 948169 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.05 | 188 | 1905953 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.24 | 240 | 1918626 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.46 | 264 | 2421157 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.18 | 96 | 26372 | 2.81 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.83 | 99 | 479214 | 13.31 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.00 | 67 | 300675 | 14.76 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.19 | 132 | 422530 | 15.34 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.37 | 113 | 359103 | 12.42 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.80 | 128 | 205617 | 19.38 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.53 | 143 | 226095 | 22.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.06 | 165 | 420903 | 16.38 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.57 | 131 | 381333 | 12.20 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.72 | 166 | 1332358 | 18.34 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.00 | 160 | 1560313 | 18.31 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.50 | 143 | 127571 | 10.85 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.30 | 176 | 1204142 | 19.45 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 112807 | 14.93 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.15 | 188 | 2078533 | 22.62 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.45 | 212 | 2415272 | 25.99 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.32 | 264 | 3054201 | 24.89 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.86 | 94 | 78560 | 2.116 | ng/ul | 97 |
| 45) Dimethylphthalate | 13.77 | 163 | 436357 | 6.000 | ng/ul | 99 |
| 48) Acenaphthylene | 14.03 | 152 | 88226 | 1.013 | ng/ul | 99 |
| 70) Phenanthrene | 17.09 | 178 | 884592 | 8.270 | ng/ul | 99 |
| 72) Anthracene | 17.18 | 178 | 231002 | 2.090 | ng/ul | 99 |
| 77) Fluoranthene | 19.12 | 202 | 2365684 | 18.597 | ng/ul | 98 |
| 80) Pyrene | 19.48 | 202 | 2650586 | 22.053 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.23 | 228 | 1663297 | 12.794 | ng/ul | 96 |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 1591434 | 23.941 | ng/ul | 99 |
| 85) Chrysene | 21.28 | 228 | 1704524 | 14.121 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.80 | 252 | 2136824 | 14.556 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 22.84 | 252 | 706476m | 5.012 | ng/ul | |
| 91) Benzo(a)pyrene | 23.36 | 252 | 1722454 | 12.230 | ng/ul | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 1112316 | 6.639 | ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 25.69 | 278 | 326526 | 2.331 | ng/ul# | 91 |
| 94) Benzo(g,h,i)perylene | 26.35 | 276 | 1108295 | 8.034 | ng/ul | 97 |

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

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