Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023385.D
Acq On : 24 Oct 2019 18:41
Operator : JU
Sample : K5346-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETOL4

**Manual Integrations APPROVED**
mohammad
10/26/2019 10:04:00 AM

Quant Time: Oct 24 23:05:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.63 | 152 | 600269 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.41 | 136 | 2198703 | 20.00 | ng/ul | -0.01 |
| 36) Acenaphthene-d10 | 14.28 | 164 | 1220854 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.02 | 188 | 2370493 | 20.00 | ng/ul | -0.01 |
| 78) Chrysene-d12 | 21.22 | 240 | 2426165 | 20.00 | ng/ul | -0.01 |
| 86) Perylene-d12 | 23.42 | 264 | 2982647 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.16 | 96 | 54548 | 4.32 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.81 | 99 | 1087892 | 21.58 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.97 | 67 | 684596 | 23.17 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.17 | 132 | 892117 | 22.64 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.34 | 113 | 804414 | 19.64 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 8.78 | 128 | 423667 | 25.60 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.50 | 143 | 451159 | 24.57 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.04 | 165 | 823386 | 22.81 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.55 | 131 | 171829 | 4.14 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.70 | 166 | 2368005 | 25.54 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.97 | 160 | 2732131 | 25.72 | ng/ul | -0.01 |
| 52) 4-Nitrophenol-d4 | 14.48 | 143 | 276421 | 17.21 | ng/ul | -0.01 |
| 58) Fluorene-d10 | 15.27 | 176 | 1999005 | 25.46 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 209484 | 14.19 | ng/ul | -0.01 |
| 71) Anthracene-d10 | 17.12 | 188 | 2938783 | 26.23 | ng/ul | -0.01 |
| 79) Pyrene-d10 | 19.42 | 212 | 3225546 | 24.17 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.28 | 264 | 3898162 | 25.66 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.83 | 94 | 159676 | 3.076 | ng/ul | 100 |
| 45) Dimethylphthalate | 13.75 | 163 | 1083514 | 11.640 | ng/ul | 100 |
| 70) Phenanthrene | 17.07 | 178 | 160675 | 1.213 | ng/ul | 100 |
| 77) Fluoranthene | 19.09 | 202 | 512540 | 3.709 | ng/ul | 99 |
| 80) Pyrene | 19.45 | 202 | 695116 | 4.057 | ng/ul | 99 |
| 81) Butylbenzylphthalate | 20.37 | 149 | 608193 | 8.671 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.20 | 228 | 346629 | 2.136 | ng/ul# | 87 |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 129272 | 1.315 | ng/ul# | 97 |
| 85) Chrysene | 21.25 | 228 | 507881 | 3.392 | ng/ul# | 93 |
| 88) Benzo(b)fluoranthene | 22.76 | 252 | 844760 | 4.410 | ng/ul# | 79 |
| 89) Benzo(k)fluoranthene | 22.80 | 252 | 242037m | 1.346 | ng/ul | |
| 91) Benzo(a)pyrene | 23.32 | 252 | 448552 | 2.586 | ng/ul# | 81 |
| 92) Indeno(1,2,3-cd)pyrene | 25.63 | 276 | 380482 | 2.026 | ng/ul# | 84 |
| 94) Benzo(g,h,i)perylene | 26.30 | 276 | 512287 | 3.353 | ng/ul# | 89 |

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

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