Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\

Quantitation Report (QT Reviewed)

Data File : BM021825.D
Acq On : 04 Aug 2019 23:54
Operator : HP/JU
Sample : K3863-14
Misc :
ALS Vial : 68 Sample Multiplier: 1

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

Quant Time: Aug 05 08:30:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 08:19:16 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.64 | 152 | 1011 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.41 | 136 | 4280 | 0.40 | ng/ul | -0.02 |
| 6) Acenaphthene-d10 | 14.28 | 164 | 2399 | 0.40 | ng/ul | -0.01 |
| 10) Phenanthrene-d10 | 17.04 | 188 | 5806m | 0.40 | ng/ul | -0.02 |
| 16) Chrysene-d12 | 21.24 | 240 | 6025m | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.45 | 264 | 6961m | 0.40 | ng/ul | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.01 | 152 | 1425 | 0.20 | ng/ul | -0.03 |
| 14) Fluoranthene-d10 | 19.07 | 212 | 5250m | 0.27 | ng/ul | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.46 | 128 | 562 | 0.046 | ng/ul# | 69 |
| 5) 2-Methylnaphthalene | 12.09 | 142 | 261 | 0.032 | ng/ul | 95 |
| 7) Acenaphthylene | 14.01 | 152 | 3980 | 0.356 | ng/ul | 99 |
| 8) Acenaphthene | 14.35 | 153 | 5794 | 0.633 | ng/ul | 97 |
| 9) Fluorene | 15.34 | 166 | 9149 | 0.900 | ng/ul | 98 |
| 12) Phenanthrene | 17.08 | 178 | 220442m | 13.049 | ng/ul | |
| 13) Anthracene | 17.17 | 178 | 32095m | 2.227 | ng/ul | |
| 15) Fluoranthene | 19.10 | 202 | 461366m | 20.387 | ng/ul | |
| 17) Pyrene | 19.47 | 202 | 355412 | 14.355 | ng/ul | 98 |
| 18) Benzo(a)anthracene | 21.22 | 228 | 175468m | 8.142 | ng/ul | |
| 19) Chrysene | 21.27 | 228 | 207120m | 7.473 | ng/ul | |
| 21) Benzo(b)fluoranthene | 22.79 | 252 | 263804m | 11.238 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.83 | 252 | 101853m | 3.834 | ng/ul | |
| 23) Benzo(a)pyrene | 23.36 | 252 | 174383m | 7.305 | ng/ul | |
| 24) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 132054m | 4.633 | ng/ul | |
| 25) Dibenzo(a,h)anthracene | 25.68 | 278 | 32755m | 1.422 | ng/ul | |
| 26) Benzo(g,h,i)perylene | 26.36 | 276 | 128579m | 5.011 | ng/ul | |

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

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