Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021419\
Data File : BN004418.D
Acq On : 14 Feb 2019 13:53
Operator : JU/SJ
Sample : MDL-W-03
Misc : 0.07 PPM
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** MDL-W-03

Quant Time: Feb 14 15:00:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 14:04:55 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.75 | 152 | 977 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.53 | 136 | 3869 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.38 | 164 | 2357 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.13 | 188 | 6584 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.33 | 240 | 8391 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.60 | 264 | 8594 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.12 | 152 | 2149 | 0.35 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.16 | 212 | 6980 | 0.34 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.58 | 128 | 757 | 0.068 | ng/ul# | 82 |
| 5) 2-Methylnaphthalene | 12.20 | 142 | 539 | 0.068 | ng/ul | 98 |
| 7) Acenaphthylene | 14.11 | 152 | 678 | 0.063 | ng/ul# | 84 |
| 8) Acenaphthene | 14.45 | 153 | 636 | 0.068 | ng/ul | 97 |
| 9) Fluorene | 15.43 | 166 | 754 | 0.067 | ng/ul# | 96 |
| 11) Pentachlorophenol | 16.78 | 266 | 29 | 0.021 | ng/ul# | 84 |
| 12) Phenanthrene | 17.17 | 178 | 1467 | 0.069 | ng/ul# | 91 |
| 13) Anthracene | 17.27 | 178 | 1138 | 0.063 | ng/ul# | 87 |
| 15) Fluoranthene | 19.20 | 202 | 1794 | 0.068 | ng/ul | 94 |
| 17) Pyrene | 19.56 | 202 | 1805 | 0.067 | ng/ul# | 92 |
| 18) Benzo(a)anthracene | 21.32 | 228 | 1768 | 0.065 | ng/ul | 96 |
| 19) Chrysene | 21.36 | 228 | 2215 | 0.071 | ng/ul | 95 |
| 21) Benzo(b)fluoranthene | 22.91 | 252 | 2430 | 0.071 | ng/ul | 76 |
| 22) Benzo(k)fluoranthene | 22.96 | 252 | 2212 | 0.066 | ng/ul# | 72 |
| 23) Benzo(a)pyrene | 23.50 | 252 | 2019 | 0.066 | ng/ul# | 66 |
| 24) Indeno(1,2,3-cd)pyrene | 25.89 | 276 | 2718 | 0.067 | ng/ul# | 98 |
| 25) Dibenzo(a,h)anthracene | 25.91 | 278 | 2196 | 0.067 | ng/ul# | 83 |
| 26) Benzo(g,h,i)perylene | 26.59 | 276 | 2557 | 0.070 | ng/ul | 91 |

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

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