Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012205.D
Acq On : 14 Oct 2020 21:31
Operator : CG/JU
Sample : L4166-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :**

Quant Time: Oct 15 01:13:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.63 | 152 | 1274 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.39 | 136 | 5129 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.26 | 164 | 2970 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.01 | 188 | 6017 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.21 | 240 | 5276 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.40 | 264 | 5706 | 0.40 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.00 | 152 | 1075 | 0.14 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.05 | 212 | 2263 | 0.14 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.44 | 128 | 801 | 0.054 | ng/ul# | 83 |
| 7) Acenaphthylene | 13.98 | 152 | 1046 | 0.081 | ng/ul# | 88 |
| 9) Fluorene | 15.31 | 166 | 264 | 0.022 | ng/ul# | 90 |
| 12) Phenanthrene | 17.05 | 178 | 1464m | 0.076 | ng/ul | |
| 13) Anthracene | 17.14 | 178 | 4710 | 0.286 | ng/ul | 99 |
| 15) Fluoranthene | 19.07 | 202 | 5160 | 0.230 | ng/ul | 97 |
| 17) Pyrene | 19.44 | 202 | 20256 | 0.852 | ng/ul | 98 |
| 18) Benzo(a)anthracene | 21.19 | 228 | 4144m | 0.212 | ng/ul | |
| 19) Chrysene | 21.24 | 228 | 16321 | 0.685 | ng/ul | 99 |
| 21) Benzo(b)fluoranthene | 22.74 | 252 | 20692m | 0.898 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.78 | 252 | 8837m | 0.346 | ng/ul | |
| 23) Benzo(a)pyrene | 23.30 | 252 | 12296 | 0.548 | ng/ul | 92 |
| 24) Indeno(1,2,3-cd)pyrene | 25.58 | 276 | 6822 | 0.237 | ng/ul# | 100 |
| 25) Dibenzo(a,h)anthracene | 25.59 | 278 | 2047 | 0.089 | ng/ul# | 76 |
| 26) Benzo(g,h,i)perylene | 26.24 | 276 | 5685 | 0.215 | ng/ul | 96 |

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

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