Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN123019\
Data File : BN009259.D
Acq On : 30 Dec 2019 14:43
Operator : JU
Sample : K6322-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C41

Manual Integrations APPROVED
mohammad
12/31/2019 8:27:57 AM

Quant Time: Dec 30 15:31:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 11:05:47 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.51 | 152 | 2248 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.26 | 136 | 7963 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.13 | 164 | 4214 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.89 | 188 | 8467 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.08 | 240 | 6765 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.21 | 264 | 7080 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.86 | 152 | 1864 | 0.13 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 18.92 | 212 | 4749 | 0.19 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.31 | 128 | 3983 | 0.165 | ng/ul | 97 |
| 5) 2-Methylnaphthalene | 11.93 | 142 | 2647 | 0.145 | ng/ul | 99 |
| 7) Acenaphthylene | 13.85 | 152 | 2400 | 0.108 | ng/ul# | 92 |
| 9) Fluorene | 15.19 | 166 | 805 | 0.039 | ng/ul# | 93 |
| 12) Phenanthrene | 16.93 | 178 | 23034 | 0.782 | ng/ul | 100 |
| 13) Anthracene | 17.02 | 178 | 5480 | 0.208 | ng/ul | 98 |
| 15) Fluoranthene | 18.95 | 202 | 56884 | 1.689 | ng/ul | 99 |
| 17) Pyrene | 19.32 | 202 | 47075 | 1.364 | ng/ul | 97 |
| 18) Benzo(a)anthracene | 21.07 | 228 | 23801 | 0.792 | ng/ul | 97 |
| 19) Chrysene | 21.12 | 228 | 26569 | 0.880 | ng/ul | 97 |
| 21) Benzo(b)fluoranthene | 22.59 | 252 | 35494m | 1.074 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.62 | 252 | 12737m | 0.382 | ng/ul | |
| 23) Benzo(a)pyrene | 23.12 | 252 | 22811 | 0.787 | ng/ul | 99 |
| 24) Indeno(1,2,3-cd)pyrene | 25.30 | 276 | 16559 | 0.525 | ng/ul# | 89 |
| 25) Dibenzo(a,h)anthracene | 25.30 | 278 | 3816 | 0.152 | ng/ul# | 81 |
| 26) Benzo(g,h,i)perylene | 25.94 | 276 | 16270 | 0.612 | ng/ul | 98 |

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

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