Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112020\
Data File : BN012666.D
Acq On : 20 Nov 2020 19:27
Operator : CG/JU
Sample : L4710-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B32

Manual Integrations APPROVED
mohammad
11/24/2020 8:56:07 AM

Quant Time: Nov 21 00:28:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 00:16:07 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.44 | 152 | 893 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.21 | 136 | 3564 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.10 | 164 | 2041 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.85 | 188 | 4231m | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.07 | 240 | 4041 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.18 | 264 | 3938 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.81 | 152 | 1097 | 0.21 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 18.89 | 212 | 2841 | 0.26 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.26 | 128 | 426 | 0.040 | ng/ul# | 72 |
| 5) 2-Methylnaphthalene | 11.89 | 142 | 279 | 0.041 | ng/ul | 97 |
| 7) Acenaphthylene | 13.82 | 152 | 506 | 0.051 | ng/ul# | 77 |
| 8) Acenaphthene | 14.16 | 153 | 187 | 0.022 | ng/ul | 92 |
| 9) Fluorene | 15.16 | 166 | 265 | 0.029 | ng/ul# | 91 |
| 12) Phenanthrene | 16.89 | 178 | 8551 | 0.581 | ng/ul | 97 |
| 13) Anthracene | 16.98 | 178 | 1259 | 0.098 | ng/ul# | 93 |
| 15) Fluoranthene | 18.92 | 202 | 35521 | 2.090 | ng/ul | 99 |
| 17) Pyrene | 19.29 | 202 | 31222 | 1.727 | ng/ul | 99 |
| 18) Benzo(a)anthracene | 21.05 | 228 | 15760 | 1.088 | ng/ul | 99 |
| 19) Chrysene | 21.10 | 228 | 23717 | 1.311 | ng/ul | 99 |
| 21) Benzo(b)fluoranthene | 22.56 | 252 | 33713m | 1.861 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.59 | 252 | 13021m | 0.623 | ng/ul | |
| 23) Benzo(a)pyrene | 23.09 | 252 | 20423 | 1.198 | ng/ul# | 86 |
| 24) Indeno(1,2,3-cd)pyrene | 25.26 | 276 | 16330 | 0.732 | ng/ul# | 97 |
| 25) Dibenzo(a,h)anthracene | 25.27 | 278 | 3776 | 0.211 | ng/ul# | 85 |
| 26) Benzo(g,h,i)perylene | 25.90 | 276 | 16035 | 0.799 | ng/ul | 97 |

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

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