Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012953.D
Acq On : 07 Dec 2020 23:31
Operator : CG/JU
Sample : L4864-21DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B64DL

Manual Integrations APPROVED
mohammad
12/9/2020 12:21:45 PM

Quant Time: Dec 08 01:00:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 00:15:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.39 | 152 | 840 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.15 | 136 | 3479 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.05 | 164 | 1961 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.81 | 188 | 4497 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.03 | 240 | 3915 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.13 | 264 | 4107 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.76 | 152 | 373 | 0.07 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 18.85 | 212 | 881 | 0.07 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 7) Acenaphthylene | 13.76 | 152 | 210 | 0.023 | ng/ul# | 57 |
| 12) Phenanthrene | 16.85 | 178 | 4824 | 0.320 | ng/ul | 99 |
| 13) Anthracene | 16.94 | 178 | 657 | 0.051 | ng/ul# | 83 |
| 15) Fluoranthene | 18.88 | 202 | 22887 | 1.277 | ng/ul | 97 |
| 17) Pyrene | 19.25 | 202 | 21809 | 1.179 | ng/ul | 100 |
| 18) Benzo(a)anthracene | 21.02 | 228 | 9580 | 0.591 | ng/ul | 99 |
| 19) Chrysene | 21.07 | 228 | 12545 | 0.701 | ng/ul | 100 |
| 21) Benzo(b)fluoranthene | 22.52 | 252 | 19534m | 1.028 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.55 | 252 | 6689m | 0.319 | ng/ul | |
| 23) Benzo(a)pyrene | 23.04 | 252 | 11710 | 0.664 | ng/ul# | 89 |
| 24) Indeno(1,2,3-cd)pyrene | 25.18 | 276 | 8995 | 0.388 | ng/ul# | 97 |
| 25) Dibenzo(a,h)anthracene | 25.19 | 278 | 1781 | 0.097 | ng/ul# | 82 |
| 26) Benzo(g,h,i)perylene | 25.82 | 276 | 8877 | 0.424 | ng/ul | 97 |

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

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