Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025215.D
Acq On : 03 Mar 2020 16:57
Operator : CG/JU
Sample : L1507-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD05

Manual Integrations APPROVED
mohammad
3/4/2020 7:52:50 AM

Quant Time: Mar 03 17:31:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 03 14:30:08 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 2828 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.45 | 136 | 11154 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.31 | 164 | 7899 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.05 | 188 | 19175 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.24 | 240 | 19473 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.43 | 264 | 18972 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.04 | 152 | 3486 | 0.17 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.08 | 212 | 10687 | 0.17 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.50 | 128 | 2330 | 0.069 | ng/ul# | 90 |
| 5) 2-Methylnaphthalene | 12.12 | 142 | 870 | 0.036 | ng/ul | 97 |
| 7) Acenaphthylene | 14.02 | 152 | 1105 | 0.030 | ng/ul | 95 |
| 12) Phenanthrene | 17.09 | 178 | 3382 | 0.055 | ng/ul | 98 |
| 13) Anthracene | 17.18 | 178 | 1477m | 0.027 | ng/ul | |
| 15) Fluoranthene | 19.11 | 202 | 30481 | 0.394 | ng/ul | 95 |
| 17) Pyrene | 19.47 | 202 | 28637 | 0.388 | ng/ul | 95 |
| 18) Benzo(a)anthracene | 21.22 | 228 | 26754 | 0.374 | ng/ul | 99 |
| 19) Chrysene | 21.27 | 228 | 13716m | 0.174 | ng/ul | |
| 21) Benzo(b)fluoranthene | 22.78 | 252 | 23386m | 0.308 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.82 | 252 | 10482m | 0.132 | ng/ul | |
| 23) Benzo(a)pyrene | 23.33 | 252 | 8766 | 0.138 | ng/ul# | 92 |
| 24) Indeno(1,2,3-cd)pyrene | 25.61 | 276 | 4334 | 0.055 | ng/ul# | 100 |
| 25) Dibenzo(a,h)anthracene | 25.62 | 278 | 1533 | 0.023 | ng/ul# | 59 |
| 26) Benzo(g,h,i)perylene | 26.28 | 276 | 2657 | 0.039 | ng/ul | 95 |

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

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