Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025640.D
Acq On : 18 Mar 2020 22:22
Operator : CG/JU
Sample : L1786-15DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD1DL

Manual Integrations APPROVED
mohammad
3/19/2020 12:43:42 PM

Quant Time: Mar 19 00:37:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.58 | 152 | 2581 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.35 | 136 | 10602 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.22 | 164 | 6830 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.96 | 188 | 15911 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.15 | 240 | 16671 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.30 | 264 | 17220 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.95 | 152 | 1750 | 0.09 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 18.99 | 212 | 4602 | 0.11 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.40 | 128 | 1235 | 0.039 | ng/ul# | 86 |
| 7) Acenaphthylene | 13.94 | 152 | 1119 | 0.040 | ng/ul# | 77 |
| 8) Acenaphthene | 14.28 | 153 | 1285 | 0.053 | ng/ul | 99 |
| 9) Fluorene | 15.27 | 166 | 1419 | 0.048 | ng/ul# | 97 |
| 12) Phenanthrene | 17.00 | 178 | 20994 | 0.416 | ng/ul | 100 |
| 13) Anthracene | 17.10 | 178 | 5429 | 0.124 | ng/ul | 96 |
| 15) Fluoranthene | 19.02 | 202 | 53949 | 0.987 | ng/ul | 97 |
| 17) Pyrene | 19.39 | 202 | 47949 | 0.641 | ng/ul | 98 |
| 18) Benzo(a)anthracene | 21.14 | 228 | 32320 | 0.542 | ng/ul | 99 |
| 19) Chrysene | 21.19 | 228 | 31787 | 0.475 | ng/ul | 97 |
| 21) Benzo(b)fluoranthene | 22.67 | 252 | 43964m | 0.645 | ng/ul | |
| 22) Benzo(k)fluoranthene | 22.71 | 252 | 15627m | 0.219 | ng/ul | |
| 23) Benzo(a)pyrene | 23.21 | 252 | 27578 | 0.487 | ng/ul | 97 |
| 24) Indeno(1,2,3-cd)pyrene | 25.43 | 276 | 19432 | 0.253 | ng/ul# | 99 |
| 25) Dibenzo(a,h)anthracene | 25.44 | 278 | 6049 | 0.094 | ng/ul# | 85 |
| 26) Benzo(g,h,i)perylene | 26.07 | 276 | 13853 | 0.208 | ng/ul | 96 |

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

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