Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050719\
Data File : BN005495.D
Acq On : 06 May 2019 21:03
Operator : JU/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SICV64

Quant Time: May 07 04:11:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 03:05:33 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 1661 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.37 | 136 | 6120 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.24 | 164 | 3483 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.01 | 188 | 8889 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.22 | 240 | 9854 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.43 | 264 | 11606 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.98 | 152 | 3855 | 0.40 | ng/ul | 0.01 |
| 14) Fluoranthene-d10 | 19.04 | 212 | 11256 | 0.40 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.42 | 128 | 6446 | 0.398 | ng/ul | 100 |
| 5) 2-Methylnaphthalene | 12.06 | 142 | 4413 | 0.399 | ng/ul | 98 |
| 7) Acenaphthylene | 13.96 | 152 | 7048 | 0.402 | ng/ul | 100 |
| 8) Acenaphthene | 14.31 | 153 | 5047 | 0.407 | ng/ul | 98 |
| 9) Fluorene | 15.31 | 166 | 5879 | 0.406 | ng/ul | 98 |
| 11) Pentachlorophenol | 16.68 | 266 | 808 | 0.351 | ng/ul | 89 |
| 12) Phenanthrene | 17.04 | 178 | 9598 | 0.396 | ng/ul | 99 |
| 13) Anthracene | 17.14 | 178 | 9607 | 0.398 | ng/ul | 99 |
| 15) Fluoranthene | 19.07 | 202 | 13457 | 0.401 | ng/ul | 99 |
| 17) Pyrene | 19.43 | 202 | 14260 | 0.392 | ng/ul | 100 |
| 18) Benzo(a)anthracene | 21.21 | 228 | 13224 | 0.389 | ng/ul | 99 |
| 19) Chrysene | 21.26 | 228 | 16705 | 0.400 | ng/ul | 99 |
| 21) Benzo(b)fluoranthene | 22.77 | 252 | 13906 | 0.399 | ng/ul | 98 |
| 22) Benzo(k)fluoranthene | 22.82 | 252 | 17628 | 0.403 | ng/ul | 99 |
| 23) Benzo(a)pyrene | 23.33 | 252 | 15566 | 0.399 | ng/ul | 98 |
| 24) Indeno(1,2,3-cd)pyrene | 25.63 | 276 | 17363 | 0.398 | ng/ul# | 57 |
| 25) Dibenzo(a,h)anthracene | 25.65 | 278 | 14349 | 0.398 | ng/ul | 100 |
| 26) Benzo(g,h,i)perylene | 26.29 | 276 | 14633 | 0.393 | ng/ul | 99 |

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

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