Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040521\
Data File : BM029344.D
Acq On : 05 Apr 2021 16:32
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SICV82

Quant Time: Apr 05 17:03:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 05 15:51:17 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 1944 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.48 | 136 | 6315 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.33 | 164 | 3160 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.07 | 188 | 6408 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.25 | 240 | 6590 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.46 | 264 | 6875 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.07 | 152 | 3534 | 0.41 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.10 | 212 | 6447 | 0.40 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.53 | 128 | 7156 | 0.418 | ng/ul | 98 |
| 5) 2-Methylnaphthalene | 12.15 | 142 | 4510 | 0.407 | ng/ul | 98 |
| 7) Acenaphthylene | 14.05 | 152 | 5430 | 0.405 | ng/ul | 99 |
| 8) Acenaphthene | 14.39 | 153 | 4680 | 0.412 | ng/ul | 97 |
| 9) Fluorene | 15.38 | 166 | 5152 | 0.410 | ng/ul | 99 |
| 11) Pentachlorophenol | 16.73 | 266 | 547 | 0.377 | ng/ul | 93 |
| 12) Phenanthrene | 17.11 | 178 | 7824 | 0.400 | ng/ul | 99 |
| 13) Anthracene | 17.20 | 178 | 6848 | 0.399 | ng/ul | 99 |
| 15) Fluoranthene | 19.13 | 202 | 8099 | 0.373 | ng/ul | 99 |
| 17) Pyrene | 19.49 | 202 | 8351 | 0.393 | ng/ul | 99 |
| 18) Benzo(a)anthracene | 21.23 | 228 | 7085 | 0.377 | ng/ul | 100 |
| 19) Chrysene | 21.28 | 228 | 8028 | 0.389 | ng/ul | 99 |
| 21) Benzo(b)fluoranthene | 22.79 | 252 | 8532 | 0.409 | ng/ul | 98 |
| 22) Benzo(k)fluoranthene | 22.84 | 252 | 8722 | 0.408 | ng/ul | 97 |
| 23) Benzo(a)pyrene | 23.36 | 252 | 7280 | 0.403 | ng/ul | 98 |
| 24) Indeno(1,2,3-cd)pyrene | 25.68 | 276 | 10133 | 0.405 | ng/ul# | 100 |
| 25) Dibenzo(a,h)anthracene | 25.70 | 278 | 8552 | 0.408 | ng/ul | 100 |
| 26) Benzo(g,h,i)perylene | 26.36 | 276 | 8724 | 0.411 | ng/ul | 99 |

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

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