Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038029.D
Acq On : 15 Dec 2022 13:22
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SICV021

Quant Time: Dec 15 21:57:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.064 | 152 | 3936 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.878 | 136 | 11561 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.685 | 164 | 6174 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.422 | 188 | 13043 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.586 | 240 | 8240 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.038 | 264 | 7808 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.410 | 96 | 1920 | 0.357 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.456 | 152 | 6191 | 0.367 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.436 | 212 | 11481 | 0.384 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.448 | 88 | 1874 | 0.386 | ng/ul | 98 |
| 5) Naphthalene | 10.928 | 128 | 14154 | 0.404 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.528 | 142 | 9057 | 0.421 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.748 | 142 | 8776 | 0.398 | ng/ul | 100 |
| 10) Acenaphthylene | 14.407 | 152 | 13331 | 0.412 | ng/ul | 99 |
| 11) Acenaphthene | 14.745 | 153 | 10014 | 0.408 | ng/ul | 99 |
| 12) Fluorene | 15.730 | 166 | 11165 | 0.411 | ng/ul | 99 |
| 14) Pentachlorophenol | 17.075 | 266 | 1748 | 0.324 | ng/ul | 99 |
| 15) Phenanthrene | 17.464 | 178 | 17277 | 0.393 | ng/ul | 99 |
| 16) Anthracene | 17.552 | 178 | 15821 | 0.390 | ng/ul | 99 |
| 19) Fluoranthene | 19.469 | 202 | 17863 | 0.420 | ng/ul | 99 |
| 20) Pyrene | 19.831 | 202 | 18117 | 0.417 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.568 | 228 | 14600 | 0.410 | ng/ul | 99 |
| 22) Chrysene | 21.621 | 228 | 14918 | 0.415 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.287 | 252 | 14721 | 0.398 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 23.336 | 252 | 14149 | 0.396 | ng/ul | 99 |
| 26) Benzo(a)pyrene | 23.930 | 252 | 12090 | 0.388 | ng/ul | 99 |
| 27) Indeno(1,2,3-cd)pyrene | 26.609 | 276 | 13946 | 0.356 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 26.622 | 278 | 11513 | 0.378 | ng/ul | 100 |
| 29) Benzo(g,h,i)perylene | 27.397 | 276 | 12517 | 0.376 | ng/ul | 99 |

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

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