Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
Data File : BM034771.D
Acq On : 22 Apr 2022 17:04
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SICV035

Quant Time: Apr 22 19:03:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.947 | 152 | 5130 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.748 | 136 | 13004 | 0.400 | ng/ul | # | 0.00 |
| 9) Acenaphthene-d10 | 14.576 | 164 | 6969 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 17.314 | 188 | 13886 | 0.400 | ng/ul | # | 0.00 |
| 17) Chrysene-d12 | 21.493 | 240 | 9047 | 0.400 | ng/ul | | 0.00 |
| 23) Perylene-d12 | 23.890 | 264 | 7447 | 0.400 | ng/ul | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.386 | 96 | 2509 | 0.442 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.338 | 152 | 7791 | 0.426 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 19.336 | 212 | 12807 | 0.449 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.420 | 88 | 2326 | 0.431 | ng/ul | # | 76 |
| 5) Naphthalene | 10.798 | 128 | 15719 | 0.423 | ng/ul | # | 88 |
| 7) 2-Methylnaphthalene | 12.409 | 142 | 10552 | 0.427 | ng/ul | | 99 |
| 8) 1-Methylnaphthalene | 12.629 | 142 | 10367 | 0.427 | ng/ul | | 99 |
| 10) Acenaphthylene | 14.294 | 152 | 12863 | 0.422 | ng/ul | # | 90 |
| 11) Acenaphthene | 14.636 | 153 | 10923 | 0.424 | ng/ul | | 97 |
| 12) Fluorene | 15.621 | 166 | 12436 | 0.428 | ng/ul | # | 97 |
| 14) Pentachlorophenol | 16.964 | 266 | 1619 | 0.393 | ng/ul | | 97 |
| 15) Phenanthrene | 17.356 | 178 | 19166 | 0.418 | ng/ul | | 95 |
| 16) Anthracene | 17.445 | 178 | 16837 | 0.412 | ng/ul | # | 91 |
| 19) Fluoranthene | 19.369 | 202 | 19321 | 0.445 | ng/ul | | 96 |
| 20) Pyrene | 19.731 | 202 | 19086 | 0.438 | ng/ul | | 99 |
| 21) Benzo(a)anthracene | 21.475 | 228 | 14585 | 0.414 | ng/ul | | 97 |
| 22) Chrysene | 21.528 | 228 | 15613 | 0.416 | ng/ul | | 96 |
| 24) Benzo(b)fluoranthene | 23.159 | 252 | 14902 | 0.438 | ng/ul | | 94 |
| 25) Benzo(k)fluoranthene | 23.206 | 252 | 14403 | 0.424 | ng/ul | | 92 |
| 26) Benzo(a)pyrene | 23.782 | 252 | 11706 | 0.422 | ng/ul | # | 88 |
| 27) Indeno(1,2,3-cd)pyrene | 26.369 | 276 | 16010 | 0.411 | ng/ul | # | 86 |
| 28) Dibenzo(a,h)anthracene | 26.389 | 278 | 12910 | 0.407 | ng/ul | # | 89 |
| 29) Benzo(g,h,i)perylene | 27.127 | 276 | 14108 | 0.420 | ng/ul | | 95 |

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

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