Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
Data File : BM030929.D
Acq On : 13 Jul 2021 14:08
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SICV007

Quant Time: Jul 13 14:43:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:01:01 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.670 | 152 | 867 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.442 | 136 | 2779 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.303 | 164 | 1759 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.047 | 188 | 3838 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.236 | 240 | 3379 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.430 | 264 | 3305 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.241 | 96 | 349 | 0.391 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.034 | 152 | 1878 | 0.388 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.077 | 212 | 4495 | 0.395 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.275 | 88 | 396 | 0.398 | ng/ul | 87 |
| 5) Naphthalene | 10.487 | 128 | 3005 | 0.362 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.106 | 142 | 2154 | 0.368 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.326 | 142 | 1960 | 0.342 | ng/ul | 98 |
| 10) Acenaphthylene | 14.019 | 152 | 3283 | 0.381 | ng/ul | 99 |
| 11) Acenaphthene | 14.364 | 153 | 2283 | 0.367 | ng/ul | 95 |
| 12) Fluorene | 15.353 | 166 | 2732 | 0.369 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.697 | 266 | 485 | 0.358 | ng/ul | 98 |
| 15) Phenanthrene | 17.089 | 178 | 4442 | 0.369 | ng/ul | 99 |
| 16) Anthracene | 17.179 | 178 | 4203 | 0.364 | ng/ul | 99 |
| 19) Fluoranthene | 19.107 | 202 | 5425 | 0.364 | ng/ul | 99 |
| 20) Pyrene | 19.470 | 202 | 5479 | 0.364 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.222 | 228 | 5329 | 0.365 | ng/ul | 99 |
| 22) Chrysene | 21.272 | 228 | 5645 | 0.374 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.779 | 252 | 6001 | 0.375 | ng/ul | 98 |
| 25) Benzo(k)fluoranthene | 22.820 | 252 | 5749 | 0.358 | ng/ul | 99 |
| 26) Benzo(a)pyrene | 23.336 | 252 | 5578 | 0.402 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 25.613 | 276 | 7170 | 0.381 | ng/ul# | 98 |
| 28) Dibenzo(a,h)anthracene | 25.635 | 278 | 5782 | 0.380 | ng/ul | 98 |
| 29) Benzo(g,h,i)perylene | 26.282 | 276 | 6248 | 0.391 | ng/ul | 99 |

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

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