

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101722\  
 Data File : BM037103.D  
 Acq On : 17 Oct 2022 09:18  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4152

Quant Time: Oct 17 23:53:25 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 17 02:26:13 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.926  | 152  | 6012     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.726 | 136  | 21095    | 0.400 | ng/u1  | # 0.00   |
| 9) Acenaphthene-d10         | 14.553 | 164  | 9891     | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.293 | 188  | 15417    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.470 | 240  | 9781     | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 23.855 | 264  | 8171     | 0.400 | ng/u1  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.335  | 96   | 3447     | 0.407 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.310 | 152  | 12815    | 0.402 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.318 | 212  | 13977    | 0.478 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.373  | 88   | 3286     | 0.396 | ng/u1  | 90       |
| 5) Naphthalene              | 10.776 | 128  | 23626    | 0.392 | ng/u1  | 97       |
| 7) 2-Methylnaphthalene      | 12.387 | 142  | 14396    | 0.390 | ng/u1  | 92       |
| 8) 1-Methylnaphthalene      | 12.602 | 142  | 14586    | 0.389 | ng/u1  | 100      |
| 10) Acenaphthylene          | 14.275 | 152  | 16638    | 0.405 | ng/u1  | 99       |
| 11) Acenaphthene            | 14.613 | 153  | 14064    | 0.394 | ng/u1  | 99       |
| 12) Fluorene                | 15.603 | 166  | 14140    | 0.350 | ng/u1  | 99       |
| 14) Pentachlorophenol       | 16.951 | 266  | 853      | 0.229 | ng/u1  | 99       |
| 15) Phenanthrene            | 17.335 | 178  | 18944    | 0.385 | ng/u1  | 99       |
| 16) Anthracene              | 17.428 | 178  | 15535    | 0.378 | ng/u1  | 99       |
| 19) Fluoranthene            | 19.346 | 202  | 17028    | 0.438 | ng/u1  | 98       |
| 20) Pyrene                  | 19.708 | 202  | 17121    | 0.422 | ng/u1  | 98       |
| 21) Benzo(a)anthracene      | 21.452 | 228  | 13614    | 0.385 | ng/u1  | 99       |
| 22) Chrysene                | 21.505 | 228  | 14212    | 0.375 | ng/u1  | 99       |
| 24) Benzo(b)fluoranthene    | 23.124 | 252  | 13708    | 0.376 | ng/u1  | 94       |
| 25) Benzo(k)fluoranthene    | 23.174 | 252  | 13222    | 0.372 | ng/u1  | 95       |
| 26) Benzo(a)pyrene          | 23.750 | 252  | 11142    | 0.376 | ng/u1  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.329 | 276  | 13204    | 0.315 | ng/u1# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.349 | 278  | 10749    | 0.317 | ng/u1  | 95       |
| 29) Benzo(g,h,i)perylene    | 27.090 | 276  | 13168    | 0.356 | ng/u1  | 98       |
| -----                       |        |      |          |       |        |          |

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

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