

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050322\  
 Data File : BM034901.D  
 Acq On : 03 May 2022 21:20  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.4088

Quant Time: May 04 03:05:11 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 : Wed May 04 02:59:36 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.930  | 152  | 4973     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.732 | 136  | 12832    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.562 | 164  | 6350     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.297 | 188  | 11909    | 0.400 | ng/ul # | 0.00     |
| 17) Chrysene-d12            | 21.473 | 240  | 9642     | 0.400 | ng/ul # | 0.00     |
| 23) Perylene-d12            | 23.858 | 264  | 9431     | 0.400 | ng/ul   | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.373  | 96   | 2300     | 0.418 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.321 | 152  | 7267     | 0.403 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.322 | 212  | 12102    | 0.398 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.407  | 88   | 2237     | 0.427 | ng/ul#  | 78       |
| 5) Naphthalene              | 10.781 | 128  | 15421    | 0.420 | ng/ul#  | 88       |
| 7) 2-Methylnaphthalene      | 12.393 | 142  | 9952     | 0.408 | ng/ul   | 100      |
| 8) 1-Methylnaphthalene      | 12.607 | 142  | 9896     | 0.413 | ng/ul   | 99       |
| 10) Acenaphthylene          | 14.280 | 152  | 12266    | 0.442 | ng/ul#  | 89       |
| 11) Acenaphthene            | 14.622 | 153  | 10054    | 0.428 | ng/ul   | 95       |
| 12) Fluorene                | 15.607 | 166  | 10579    | 0.400 | ng/ul#  | 96       |
| 14) Pentachlorophenol       | 16.951 | 266  | 1696     | 0.480 | ng/ul   | 100      |
| 15) Phenanthrene            | 17.339 | 178  | 16387    | 0.416 | ng/ul   | 95       |
| 16) Anthracene              | 17.432 | 178  | 14668    | 0.418 | ng/ul#  | 92       |
| 19) Fluoranthene            | 19.355 | 202  | 18726    | 0.405 | ng/ul   | 96       |
| 20) Pyrene                  | 19.713 | 202  | 19062    | 0.410 | ng/ul   | 99       |
| 21) Benzo(a)anthracene      | 21.458 | 228  | 16173    | 0.431 | ng/ul   | 97       |
| 22) Chrysene                | 21.511 | 228  | 16880    | 0.422 | ng/ul   | 98       |
| 24) Benzo(b)fluoranthene    | 23.133 | 252  | 17477    | 0.406 | ng/ul   | 91       |
| 25) Benzo(k)fluoranthene    | 23.179 | 252  | 17958    | 0.417 | ng/ul#  | 89       |
| 26) Benzo(a)pyrene          | 23.752 | 252  | 15346    | 0.437 | ng/ul#  | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.332 | 276  | 20508    | 0.416 | ng/ul#  | 83       |
| 28) Dibenzo(a,h)anthracene  | 26.349 | 278  | 16106    | 0.401 | ng/ul#  | 90       |
| 29) Benzo(g,h,i)perylene    | 27.086 | 276  | 17362    | 0.408 | ng/ul   | 93       |
| -----                       |        |      |          |       |         |          |

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

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