

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010422\  
 Data File : BM033624.D  
 Acq On : 04 Jan 2022 14:11  
 Operator : CG/JU  
 Sample : SST0.839  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST0.8039

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 01/04/2022  
 Supervised By :Yogesh Patel 01/06/2022

Quant Time: Jan 04 14:54:23 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM010422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 04 14:17:24 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.994  | 152  | 3390     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.809 | 136  | 11100    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.628 | 164  | 5478     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.364 | 188  | 9785     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.525 | 240  | 7121     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.957 | 264  | 7176     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.330  | 96   | 3054     | 1.055 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.396 | 152  | 12002    | 0.809 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.383 | 212  | 17543    | 1.065 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.365  | 88   | 3245     | 0.866 | ng/ul# | 77       |
| 5) Naphthalene              | 10.858 | 128  | 25542    | 0.696 | ng/ul# | 87       |
| 7) 2-Methylnaphthalene      | 12.468 | 142  | 16478    | 0.659 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.684 | 142  | 16111    | 0.691 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.352 | 152  | 20288    | 0.691 | ng/ul# | 89       |
| 11) Acenaphthene            | 14.693 | 153  | 16160    | 0.722 | ng/ul  | 96       |
| 12) Fluorene                | 15.671 | 166  | 18204m   | 0.735 | ng/ul  |          |
| 14) Pentachlorophenol       | 17.014 | 266  | 3110     | 0.634 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.406 | 178  | 25516    | 0.804 | ng/ul  | 94       |
| 16) Anthracene              | 17.496 | 178  | 23491    | 0.789 | ng/ul# | 91       |
| 19) Fluoranthene            | 19.413 | 202  | 26847    | 1.228 | ng/ul  | 98       |
| 20) Pyrene                  | 19.772 | 202  | 26604    | 1.164 | ng/ul# | 92       |
| 21) Benzo(a)anthracene      | 21.511 | 228  | 23449    | 1.199 | ng/ul  | 97       |
| 22) Chrysene                | 21.564 | 228  | 24030    | 1.089 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.213 | 252  | 25298    | 1.115 | ng/ul  | 89       |
| 25) Benzo(k)fluoranthene    | 23.262 | 252  | 24889    | 1.045 | ng/ul# | 88       |
| 26) Benzo(a)pyrene          | 23.848 | 252  | 21852    | 1.040 | ng/ul# | 82       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.499 | 276  | 28845    | 0.991 | ng/ul# | 80       |
| 28) Dibenzo(a,h)anthracene  | 26.523 | 278  | 22965    | 0.983 | ng/ul# | 88       |
| 29) Benzo(g,h,i)perylene    | 27.276 | 276  | 24794    | 0.965 | ng/ul  | 91       |
| -----                       |        |      |          |       |        |          |

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

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