

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101722\  
 Data File : BM037143.D  
 Acq On : 18 Oct 2022 10:07  
 Operator : CG/JU  
 Sample : N5023-13  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BD2

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 10/19/2022  
 Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 19 01:24:21 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   | 7.921  | 152  | 4255     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.721 | 136  | 15515    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.548 | 164  | 8092     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.289 | 188  | 15461    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.464 | 240  | 9829     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.849 | 264  | 8942     | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.331  | 96   | 36479    | 6.079 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.310 | 152  | 7207     | 0.308 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.313 | 212  | 12588    | 0.428 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.770 | 128  | 8949     | 0.202 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.382 | 142  | 4731     | 0.174 | ng/ul  | 92       |
| 8) 1-Methylnaphthalene      | 12.602 | 142  | 3635     | 0.132 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.270 | 152  | 1410     | 0.042 | ng/ul# | 81       |
| 11) Acenaphthene            | 14.608 | 153  | 852      | 0.029 | ng/ul  | 94       |
| 12) Fluorene                | 15.594 | 166  | 1104     | 0.033 | ng/ul# | 95       |
| 15) Phenanthrene            | 17.331 | 178  | 20100    | 0.407 | ng/ul  | 100      |
| 16) Anthracene              | 17.420 | 178  | 3890     | 0.094 | ng/ul# | 93       |
| 19) Fluoranthene            | 19.341 | 202  | 45230    | 1.157 | ng/ul  | 99       |
| 20) Pyrene                  | 19.704 | 202  | 38331m   | 0.940 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.446 | 228  | 15890    | 0.447 | ng/ul  | 97       |
| 22) Chrysene                | 21.499 | 228  | 18008    | 0.472 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.121 | 252  | 24255    | 0.607 | ng/ul  | 93       |
| 25) Benzo(k)fluoranthene    | 23.165 | 252  | 7612m    | 0.196 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.741 | 252  | 14791    | 0.456 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.318 | 276  | 11289    | 0.246 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.332 | 278  | 2730     | 0.074 | ng/ul# | 75       |
| 29) Benzo(g,h,i)perylene    | 27.080 | 276  | 8625     | 0.213 | ng/ul  | 94       |
| -----                       |        |      |          |       |        |          |

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

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