

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101821\  
 Data File : BM032568.D  
 Acq On : 18 Oct 2021 11:53  
 Operator : CG/JU  
 Sample : M4029-18  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C00S9

Manual Integrations  
 APPROVED

mohammad  
 10/19/2021 12:10:27 PM

Quant Time: Oct 18 12:23:49 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM101421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 18 10:38:29 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.553  | 152  | 4743     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.335 | 136  | 14347    | 0.40 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.209 | 164  | 6650     | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.946 | 188  | 11759    | 0.40 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.125 | 240  | 8854     | 0.40 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.261 | 264  | 7982     | 0.40 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 2.920  | 96   | 7433     | 1.40 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.936 | 152  | 2657     | 0.14 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.969 | 212  | 4377     | 0.16 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      | Qvalue |          |
| 5) Naphthalene              | 10.384 | 128  | 9014     | 0.21 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.008 | 142  | 5696     | 0.20 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.228 | 142  | 3371     | 0.12 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.924 | 152  | 8670     | 0.31 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.270 | 153  | 1266     | 0.05 | ng/ul  | 95       |
| 12) Fluorene                | 15.256 | 166  | 2954     | 0.10 | ng/ul# | 97       |
| 15) Phenanthrene            | 16.984 | 178  | 62196    | 1.57 | ng/ul  | 99       |
| 16) Anthracene              | 17.074 | 178  | 10822    | 0.31 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.000 | 202  | 183715   | 4.19 | ng/ul  | 100      |
| 20) Pyrene                  | 19.362 | 202  | 159531   | 3.54 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.108 | 228  | 68534    | 1.98 | ng/ul  | 98       |
| 22) Chrysene                | 21.159 | 228  | 87604    | 2.30 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.626 | 252  | 127777m  | 3.46 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.665 | 252  | 46072m   | 1.25 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.167 | 252  | 76795    | 2.48 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.359 | 276  | 63322    | 1.68 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 25.357 | 278  | 14116    | 0.47 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 26.004 | 276  | 53472    | 1.62 | ng/ul  | 99       |
| -----                       |        |      |          |      |        |          |

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

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