

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092523\  
 Data File : BM042065.D  
 Acq On : 26 Sep 2023 11:27  
 Operator : MA/JU  
 Sample : 04429-11  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BBBM3

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023  
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 27 04:25:03 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM092223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 22 13:50:58 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.946  | 152  | 6735     | 0.400  | ng/ul  | # 0.00   |
| 4) Naphthalene-d8           | 10.757 | 136  | 17364    | 0.400  | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.592 | 164  | 9205     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.341 | 188  | 18035    | 0.400  | ng/ul  | #-0.01   |
| 17) Chrysene-d12            | 21.518 | 240  | 8605     | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.927 | 264  | 7397     | 0.400  | ng/ul  | # 0.00   |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.368  | 96   | 32977    | 3.593  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.341 | 152  | 2841     | 0.131  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.366 | 212  | 4599     | 0.130  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.402  | 88   | 20559    | 2.129  | ng/ul# | 86       |
| 5) Naphthalene              | 10.812 | 128  | 695333   | 11.953 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.418 | 142  | 223258   | 6.438  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.638 | 142  | 134556   | 3.822  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.652 | 153  | 7625     | 0.161  | ng/ul  | 98       |
| 12) Fluorene                | 15.642 | 166  | 5975     | 0.112  | ng/ul# | 93       |
| 14) Pentachlorophenol       | 16.974 | 266  | 16287    | 1.707  | ng/ul  | 100      |
| 15) Phenanthrene            | 17.388 | 178  | 13413    | 0.160  | ng/ul# | 90       |
| 19) Fluoranthene            | 19.399 | 202  | 3649     | 0.038  | ng/ul# | 1        |
| 20) Pyrene                  | 19.761 | 202  | 3722m    | 0.039  | ng/ul  |          |
| -----                       |        |      |          |        |        |          |

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

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