

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100423\  
 Data File : BM042189.D  
 Acq On : 04 Oct 2023 15:33  
 Operator : MA/JU  
 Sample : 04480-11DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BBK42DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023  
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 05 01:54:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM100223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 02 19:28:41 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.933  | 152  | 3665     | 0.400 | ng/ul  | # 0.00   |
| 4) Naphthalene-d8           | 10.741 | 136  | 9814     | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.578 | 164  | 4958     | 0.400 | ng/ul  | # 0.00   |
| 13) Phenanthrene-d10        | 17.329 | 188  | 9988     | 0.400 | ng/ul  | #-0.01   |
| 17) Chrysene-d12            | 21.507 | 240  | 5567     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.909 | 264  | 5435     | 0.400 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.360  | 96   | 3460     | 0.709 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.324 | 152  | 600      | 0.045 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.352 | 212  | 1056     | 0.051 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.398  | 88   | 318      | 0.062 | ng/ul# | 31       |
| 5) Naphthalene              | 10.790 | 128  | 234003   | 7.147 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.401 | 142  | 159160   | 8.119 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.621 | 142  | 78467    | 3.974 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.291 | 152  | 1515     | 0.048 | ng/ul# | 1        |
| 11) Acenaphthene            | 14.643 | 153  | 4668     | 0.197 | ng/ul  | 90       |
| 12) Fluorene                | 15.628 | 166  | 7419     | 0.278 | ng/ul# | 95       |
| 15) Phenanthrene            | 17.371 | 178  | 23722    | 0.576 | ng/ul  | 99       |
| 16) Anthracene              | 17.464 | 178  | 1680     | 0.045 | ng/ul# | 76       |
| 19) Fluoranthene            | 19.385 | 202  | 1254     | 0.030 | ng/ul# | 72       |
| 20) Pyrene                  | 19.747 | 202  | 3253m    | 0.072 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.489 | 228  | 1245     | 0.035 | ng/ul# | 77       |
| 22) Chrysene                | 21.545 | 228  | 1525     | 0.044 | ng/ul# | 83       |
| -----                       |        |      |          |       |        |          |

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

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