

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111624\  
 Data File : BM048743.D  
 Acq On : 16 Nov 2024 15:52  
 Operator : RC/JU  
 Sample : P4803-06  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A0AQ1

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024  
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 17 22:48:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM110624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Nov 17 22:31:02 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.625  | 152  | 3596     | 0.400 | ng/ul  | -0.05    |
| 4) Naphthalene-d8           | 10.410 | 136  | 10600    | 0.400 | ng/ul  | -0.03    |
| 9) Acenaphthene-d10         | 14.277 | 164  | 5798     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.024 | 188  | 11486m   | 0.400 | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.217 | 240  | 9940m    | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.421 | 264  | 8668m    | 0.400 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.089  | 96   | 21638    | 4.988 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.015 | 152  | 4700     | 0.343 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 19.059 | 212  | 10839    | 0.388 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.459 | 128  | 12021    | 0.453 | ng/ul# | 96       |
| 7) 2-Methylnaphthalene      | 12.092 | 142  | 3083     | 0.185 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.307 | 142  | 9215     | 0.539 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.994 | 152  | 2687     | 0.122 | ng/ul# | 69       |
| 11) Acenaphthene            | 14.337 | 153  | 29723    | 1.688 | ng/ul  | 98       |
| 12) Fluorene                | 15.331 | 166  | 30646    | 1.601 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.066 | 178  | 29651m   | 0.983 | ng/ul  |          |
| 16) Anthracene              | 17.155 | 178  | 15191m   | 0.541 | ng/ul  |          |
| 19) Fluoranthene            | 19.087 | 202  | 34857    | 0.947 | ng/ul  | 100      |
| 20) Pyrene                  | 19.449 | 202  | 26011    | 0.651 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.202 | 228  | 3800     | 0.117 | ng/ul# | 75       |
| 22) Chrysene                | 21.252 | 228  | 3688     | 0.094 | ng/ul# | 78       |
| 24) Benzo(b)fluoranthene    | 22.757 | 252  | 1101     | 0.041 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

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

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