

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM103124\  
 Data File : BM048391.D  
 Acq On : 01 Nov 2024 12:34  
 Operator : RC/JU  
 Sample : P4592-10  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F7H18

Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel

11/04/2024

Supervised By :mohammad  
 ahmed

Quant Time: Nov 03 21:49:14 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM103124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 31 14:58:12 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.708  | 152  | 4627     | 0.400 | ng/ul  | -0.04    |
| 4) Naphthalene-d8           | 10.491 | 136  | 15078    | 0.400 | ng/ul  | #-0.04   |
| 9) Acenaphthene-d10         | 14.349 | 164  | 8223     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.095 | 188  | 16577m   | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.286 | 240  | 13122m   | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.516 | 264  | 11228m   | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.164  | 96   | 18351    | 3.229 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.119 | 152  | 4260     | 0.222 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.123 | 212  | 10086    | 0.303 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.541 | 128  | 15166    | 0.385 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.190 | 142  | 1169     | 0.050 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.405 | 142  | 786      | 0.031 | ng/ul  | 94       |
| 10) Acenaphthylene          | 14.072 | 152  | 892      | 0.028 | ng/ul# | 70       |
| 11) Acenaphthene            | 14.414 | 153  | 1501     | 0.059 | ng/ul  | 97       |
| 12) Fluorene                | 15.404 | 166  | 1474     | 0.052 | ng/ul# | 98       |
| 15) Phenanthrene            | 17.133 | 178  | 4872m    | 0.118 | ng/ul  |          |
| 16) Anthracene              | 17.226 | 178  | 1190m    | 0.031 | ng/ul  |          |
| 19) Fluoranthene            | 19.156 | 202  | 7742     | 0.171 | ng/ul  | 96       |
| 20) Pyrene                  | 19.513 | 202  | 14233m   | 0.293 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.277 | 228  | 5043m    | 0.128 | ng/ul  |          |
| 22) Chrysene                | 21.321 | 228  | 5882m    | 0.109 | ng/ul  |          |
| 24) Benzo(b)fluoranthene    | 22.841 | 252  | 11464m   | 0.299 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.879 | 252  | 4263m    | 0.094 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.411 | 252  | 4639     | 0.129 | ng/ul# | 78       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.819 | 276  | 3561     | 0.071 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 25.826 | 278  | 930      | 0.024 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 26.513 | 276  | 3173     | 0.075 | ng/ul# | 79       |

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

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