

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042524\  
 Data File : BM045576.D  
 Acq On : 25 Apr 2024 23:23  
 Operator : MA/JU  
 Sample : P2104-05RE  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AA7RE

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024  
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 26 00:47:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM042024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 05:17:39 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.551  | 152  | 1031     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.325 | 136  | 2798     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.200 | 164  | 1476     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.967 | 188  | 3169     | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.178 | 240  | 3766     | 0.400 | ng/ul  | #-0.01   |
| 23) Perylene-d12            | 23.365 | 264  | 4702     | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.163  | 96   | 3854     | 2.789 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.942 | 152  | 32       | 0.009 | ng/ul  | 0.01     |
| 18) Fluoranthene-d10        | 19.006 | 212  | 28       | 0.002 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 13.923 | 152  | 4007     | 0.550 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.265 | 153  | 229      | 0.042 | ng/ul# | 86       |
| 12) Fluorene                | 15.264 | 166  | 1288     | 0.223 | ng/ul# | 97       |
| 15) Phenanthrene            | 17.009 | 178  | 2031m    | 0.220 | ng/ul  |          |
| 16) Anthracene              | 17.106 | 178  | 4715     | 0.546 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.038 | 202  | 4376     | 0.252 | ng/ul  | 96       |
| 20) Pyrene                  | 19.401 | 202  | 1060     | 0.059 | ng/ul# | 80       |
| 21) Benzo(a)anthracene      | 21.161 | 228  | 3017     | 0.251 | ng/ul# | 52       |
| 22) Chrysene                | 21.214 | 228  | 1646     | 0.089 | ng/ul# | 44       |
| 24) Benzo(b)fluoranthene    | 22.715 | 252  | 2784     | 0.176 | ng/ul# | 1        |
| 25) Benzo(k)fluoranthene    | 22.756 | 252  | 1733     | 0.087 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.271 | 252  | 862      | 0.053 | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 25.548 | 276  | 952      | 0.040 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 26.212 | 276  | 627      | 0.029 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

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

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