

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071524\  
 Data File : BM046636.D  
 Acq On : 16 Jul 2024 16:58  
 Operator : MA/JU  
 Sample : P3177-02  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4BS0

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024  
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 17:31:41 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 15 08:57:27 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.502  | 152  | 2268     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.264 | 136  | 6263     | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.145 | 164  | 4193     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 16.899 | 188  | 9423     | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.111 | 240  | 8287     | 0.400 | ng/ul # | 0.00     |
| 23) Perylene-d12            | 23.253 | 264  | 8882     | 0.400 | ng/ul   | 0.01     |
|                             |        |      |          |       |         |          |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.113  | 96   | 4312     | 2.314 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.865 | 152  | 1884     | 0.187 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 18.940 | 212  | 5000     | 0.198 | ng/ul   | 0.00     |
|                             |        |      |          |       |         |          |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 5) Naphthalene              | 10.308 | 128  | 1357     | 0.085 | ng/ul#  | 89       |
| 7) 2-Methylnaphthalene      | 11.936 | 142  | 492      | 0.044 | ng/ul   | 96       |
| 8) 1-Methylnaphthalene      | 12.162 | 142  | 399      | 0.035 | ng/ul   | 99       |
| 10) Acenaphthylene          | 13.862 | 152  | 3049     | 0.160 | ng/ul   | 95       |
| 11) Acenaphthene            | 14.209 | 153  | 1982     | 0.155 | ng/ul   | 98       |
| 12) Fluorene                | 15.204 | 166  | 2421     | 0.153 | ng/ul   | 95       |
| 15) Phenanthrene            | 16.942 | 178  | 51409    | 1.912 | ng/ul   | 98       |
| 16) Anthracene              | 17.030 | 178  | 9349     | 0.356 | ng/ul   | 98       |
| 19) Fluoranthene            | 18.968 | 202  | 124940   | 3.671 | ng/ul   | 99       |
| 20) Pyrene                  | 19.336 | 202  | 66668    | 1.809 | ng/ul   | 99       |
| 21) Benzo(a)anthracene      | 21.094 | 228  | 54513    | 1.487 | ng/ul   | 99       |
| 22) Chrysene                | 21.146 | 228  | 61530    | 1.735 | ng/ul   | 98       |
| 24) Benzo(b)fluoranthene    | 22.616 | 252  | 86906m   | 2.450 | ng/ul   |          |
| 25) Benzo(k)fluoranthene    | 22.657 | 252  | 31795m   | 0.913 | ng/ul   |          |
| 26) Benzo(a)pyrene          | 23.160 | 252  | 20763    | 0.711 | ng/ul#  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.370 | 276  | 25141    | 0.566 | ng/ul#  | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.390 | 278  | 10523    | 0.299 | ng/ul#  | 80       |
| 29) Benzo(g,h,i)perylene    | 26.017 | 276  | 3632     | 0.102 | ng/ul#  | 62       |
| -----                       |        |      |          |       |         |          |

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

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