

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071524\  
 Data File : BM046620.D  
 Acq On : 16 Jul 2024 06:29  
 Operator : MA/JU  
 Sample : P3088-02DL 5X  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CC5DL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 07/16/2024  
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 07:10:32 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  | 2799     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.260 | 136  | 7343     | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.146 | 164  | 4940     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 16.896 | 188  | 10894    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.102 | 240  | 8870     | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.241 | 264  | 9805     | 0.400 | ng/ul # | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.118  | 96   | 1831     | 0.796 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.860 | 152  | 661      | 0.056 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 18.937 | 212  | 1736     | 0.064 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 15) Phenanthrene            | 16.939 | 178  | 6082     | 0.196 | ng/ul   | 99       |
| 16) Anthracene              | 17.027 | 178  | 1032     | 0.034 | ng/ul#  | 80       |
| 19) Fluoranthene            | 18.965 | 202  | 13689    | 0.376 | ng/ul   | 99       |
| 20) Pyrene                  | 19.327 | 202  | 11780    | 0.299 | ng/ul#  | 98       |
| 21) Benzo(a)anthracene      | 21.087 | 228  | 4860     | 0.124 | ng/ul   | 93       |
| 22) Chrysene                | 21.137 | 228  | 5819     | 0.153 | ng/ul   | 95       |
| 24) Benzo(b)fluoranthene    | 22.610 | 252  | 8254m    | 0.211 | ng/ul   |          |
| 25) Benzo(k)fluoranthene    | 22.648 | 252  | 2880m    | 0.075 | ng/ul   |          |
| 26) Benzo(a)pyrene          | 23.148 | 252  | 4832     | 0.150 | ng/ul#  | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.356 | 276  | 4191     | 0.085 | ng/ul#  | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.363 | 278  | 1067     | 0.027 | ng/ul#  | 1        |
| 29) Benzo(g,h,i)perylene    | 26.000 | 276  | 4021     | 0.103 | ng/ul#  | 87       |
| -----                       |        |      |          |       |         |          |

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

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