

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040623\  
 Data File : BM039361.D  
 Acq On : 07 Apr 2023 19:55  
 Operator : CG/JU  
 Sample : 02115-04DL 5X  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB9C2DL

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 04/10/2023  
 Supervised By : Jagrut Upadhyay 04/10/2023

Quant Time: Apr 07 23:14:41 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM040623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 07 23:05:01 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.882  | 152  | 5986     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.685 | 136  | 22794    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.527 | 164  | 13052    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.278 | 188  | 24475    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.466 | 240  | 16167    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.854 | 264  | 13811    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.258  | 96   | 5438     | 0.491 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.291 | 152  | 1126     | 0.043 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.306 | 212  | 2434     | 0.048 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 14.250 | 152  | 2742     | 0.054 | ng/ul# | 91       |
| 11) Acenaphthene            | 14.587 | 153  | 3492     | 0.088 | ng/ul  | 99       |
| 12) Fluorene                | 15.577 | 166  | 3352     | 0.084 | ng/ul# | 97       |
| 15) Phenanthrene            | 17.316 | 178  | 81267    | 1.197 | ng/ul  | 98       |
| 16) Anthracene              | 17.409 | 178  | 13419    | 0.260 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.334 | 202  | 221100   | 3.304 | ng/ul  | 99       |
| 20) Pyrene                  | 19.696 | 202  | 114303   | 1.490 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.448 | 228  | 74024    | 1.985 | ng/ul  | 99       |
| 22) Chrysene                | 21.501 | 228  | 78998    | 1.728 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.126 | 252  | 110561   | 2.524 | ng/ul  | 83       |
| 25) Benzo(k)fluoranthene    | 23.170 | 252  | 35601m   | 0.852 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.748 | 252  | 18633    | 0.422 | ng/ul# | 88       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.321 | 276  | 23846    | 0.429 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.334 | 278  | 9911     | 0.255 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.082 | 276  | 1188     | 0.022 | ng/ul# | 15       |
| -----                       |        |      |          |       |        |          |

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

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