

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
 Data File : BM046215.D  
 Acq On : 23 Jun 2024 02:16  
 Operator : MA/JU  
 Sample : P2775-12DL 5X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4C93DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024  
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 23 02:47:41 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Jun 23 01:31:42 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.421  | 152  | 2555     | 0.400 | ng/ul  | -0.04    |
| 4) Naphthalene-d8           | 10.215 | 136  | 7387     | 0.400 | ng/ul  | -0.04    |
| 9) Acenaphthene-d10         | 14.066 | 164  | 4336     | 0.400 | ng/ul  | -0.05    |
| 13) Phenanthrene-d10        | 16.811 | 188  | 8967     | 0.400 | ng/ul  | -0.05    |
| 17) Chrysene-d12            | 21.006 | 240  | 7763     | 0.400 | ng/ul  | -0.04    |
| 23) Perylene-d12            | 23.095 | 264  | 9236m    | 0.400 | ng/ul  | -0.05    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.029  | 96   | 2818     | 0.804 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 11.837 | 152  | 589      | 0.059 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 18.838 | 212  | 1399     | 0.060 | ng/ul  | -0.05    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.264 | 128  | 3157     | 0.153 | ng/ul# | 92       |
| 7) 2-Methylnaphthalene      | 11.909 | 142  | 1180     | 0.102 | ng/ul  | 95       |
| 8) 1-Methylnaphthalene      | 12.112 | 142  | 926      | 0.073 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.788 | 152  | 7422     | 0.361 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.131 | 153  | 2052     | 0.138 | ng/ul  | 98       |
| 12) Fluorene                | 15.125 | 166  | 2545     | 0.160 | ng/ul# | 96       |
| 15) Phenanthrene            | 16.849 | 178  | 59481    | 2.361 | ng/ul  | 95       |
| 16) Anthracene              | 16.946 | 178  | 12534    | 0.668 | ng/ul  | 98       |
| 19) Fluoranthene            | 18.866 | 202  | 121919   | 3.627 | ng/ul  | 98       |
| 20) Pyrene                  | 19.233 | 202  | 94641    | 2.604 | ng/ul  | 94       |
| 21) Benzo(a)anthracene      | 20.988 | 228  | 59270    | 1.977 | ng/ul  | 99       |
| 22) Chrysene                | 21.041 | 228  | 58622    | 1.532 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.478 | 252  | 87733m   | 2.637 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.514 | 252  | 34257m   | 0.866 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.002 | 252  | 31998    | 1.038 | ng/ul# | 79       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.135 | 276  | 34128    | 0.676 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 25.139 | 278  | 10964    | 0.292 | ng/ul# | 94       |
| 29) Benzo(g,h,i)perylene    | 25.759 | 276  | 4756     | 0.110 | ng/ul# | 82       |
| -----                       |        |      |          |       |        |          |

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

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