

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062322\  
 Data File : BM035641.D  
 Acq On : 24 Jun 2022 01:19  
 Operator : CG/JU  
 Sample : N3358-16  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW4S9

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 06/24/2022  
 Supervised By :Yogesh Patel 06/28/2022

Quant Time: Jun 24 02:51:01 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM061822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 20 01:56:13 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.808  | 152  | 6883     | 0.400 | ng/ul  | -0.05    |
| 4) Naphthalene-d8           | 10.589 | 136  | 59671m   | 0.400 | ng/ul  | -0.06    |
| 9) Acenaphthene-d10         | 14.456 | 164  | 25900m   | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.192 | 188  | 22469m   | 0.400 | ng/ul  | -0.04    |
| 17) Chrysene-d12            | 21.385 | 240  | 17317m   | 0.400 | ng/ul  | -0.03    |
| 23) Perylene-d12            | 23.720 | 264  | 22300m   | 0.400 | ng/ul  | -0.04    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.264  | 96   | 37653    | 3.888 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.211 | 152  | 15578m   | 0.176 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 19.225 | 212  | 21663m   | 0.372 | ng/ul  | -0.03    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
| 5) Naphthalene              | 10.644 | 128  | 49450m   | 0.245 | ng/ul  | Qvalue   |
| 7) 2-Methylnaphthalene      | 12.283 | 142  | 4603     | 0.040 | ng/ul  | 83       |
| 8) 1-Methylnaphthalene      | 12.503 | 142  | 4061m    | 0.038 | ng/ul  |          |
| 11) Acenaphthene            | 14.511 | 153  | 7946     | 0.074 | ng/ul  | 92       |
| 15) Phenanthrene            | 17.234 | 178  | 11343m   | 0.138 | ng/ul  |          |
| 19) Fluoranthene            | 19.257 | 202  | 3884m    | 0.044 | ng/ul  |          |
| 20) Pyrene                  | 19.615 | 202  | 5899     | 0.064 | ng/ul# | 42       |
| 21) Benzo(a)anthracene      | 21.370 | 228  | 1506m    | 0.023 | ng/ul  |          |
| 22) Chrysene                | 21.420 | 228  | 1597     | 0.020 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

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

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