

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062822\  
 Data File : BM035765.D  
 Acq On : 29 Jun 2022 17:37  
 Operator : CG/JU  
 Sample : N3374-05RE  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EW4T5RE

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022  
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 30 03:53:03 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 29 17:48:53 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.782  | 152  | 4231m    | 0.400 | ng/ul  | -0.08    |
| 4) Naphthalene-d8           | 10.572 | 136  | 13851    | 0.400 | ng/ul  | -0.05    |
| 9) Acenaphthene-d10         | 14.418 | 164  | 8183m    | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.165 | 188  | 15280m   | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.363 | 240  | 15145    | 0.400 | ng/ul  | #-0.01   |
| 23) Perylene-d12            | 23.683 | 264  | 17539    | 0.400 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.209  | 96   | 26008    | 4.530 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.184 | 152  | 6945     | 0.320 | ng/ul  | -0.04    |
| 18) Fluoranthene-d10        | 19.201 | 212  | 16612    | 0.325 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.203 | 178  | 3642     | 0.066 | ng/ul# | 82       |
| 16) Anthracene              | 17.296 | 178  | 4930     | 0.107 | ng/ul# | 86       |
| 19) Fluoranthene            | 19.229 | 202  | 9779     | 0.129 | ng/ul# | 91       |
| 20) Pyrene                  | 19.587 | 202  | 10259m   | 0.121 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.348 | 228  | 13326    | 0.254 | ng/ul# | 89       |
| 22) Chrysene                | 21.398 | 228  | 16831    | 0.250 | ng/ul# | 89       |
| 24) Benzo(b)fluoranthene    | 22.979 | 252  | 18037    | 0.240 | ng/ul  | 71       |
| 25) Benzo(k)fluoranthene    | 23.022 | 252  | 19703    | 0.256 | ng/ul# | 78       |
| 26) Benzo(a)pyrene          | 23.569 | 252  | 15814    | 0.206 | ng/ul# | 71       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.095 | 276  | 25052    | 0.299 | ng/ul  | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.098 | 278  | 22305    | 0.336 | ng/ul# | 80       |
| 29) Benzo(g,h,i)perylene    | 26.829 | 276  | 22009    | 0.285 | ng/ul# | 82       |
| -----                       |        |      |          |       |        |          |

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

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