

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN073024\  
 Data File : BN033075.D  
 Acq On : 29 Jul 2024 19:38  
 Operator : MA/JU  
 Sample : P3347-12  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AX4

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024  
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 29 23:07:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN072524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 29 23:04:40 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|---------|--------|----------|
| -----                       |        |      |          |         |        |          |
| Internal Standards          |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.503  | 152  | 2269     | 0.400   | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.256 | 136  | 8216     | 0.400   | ng/ul  | -0.04    |
| 9) Acenaphthene-d10         | 14.143 | 164  | 5495     | 0.400   | ng/ul  | #-0.03   |
| 13) Phenanthrene-d10        | 16.907 | 188  | 11803m   | 0.400   | ng/ul  | -0.04    |
| 17) Chrysene-d12            | 21.137 | 240  | 12423m   | 0.400   | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.314 | 264  | 10754m   | 0.400   | ng/ul  | -0.03    |
|                             |        |      |          |         |        |          |
| System Monitoring Compounds |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8           | 3.056  | 96   | 13197    | 4.598   | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.884 | 152  | 4592     | 0.343   | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 18.953 | 212  | 14795    | 0.421   | ng/ul  | -0.03    |
|                             |        |      |          |         |        |          |
| Target Compounds            |        |      |          |         |        |          |
|                             |        |      |          |         | Qvalue |          |
| 5) Naphthalene              | 10.306 | 128  | 10666    | 0.506   | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 11.961 | 142  | 291      | 0.020   | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.170 | 142  | 2895     | 0.187   | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.861 | 152  | 1037     | 0.046   | ng/ul# | 62       |
| 11) Acenaphthene            | 14.203 | 153  | 12502    | 0.739   | ng/ul  | 99       |
| 12) Fluorene                | 15.203 | 166  | 3363     | 0.171   | ng/ul# | 96       |
| 14) Pentachlorophenol       | 16.561 | 266  | 520184m  | 216.463 | ng/ul  |          |
| 15) Phenanthrene            | 16.945 | 178  | 754m     | 0.024   | ng/ul  |          |
| 16) Anthracene              | 17.038 | 178  | 30935m   | 1.087   | ng/ul  |          |
| 19) Fluoranthene            | 18.986 | 202  | 1203     | 0.029   | ng/ul# | 48       |
| 20) Pyrene                  | 19.344 | 202  | 6207     | 0.142   | ng/ul# | 79       |
| -----                       |        |      |          |         |        |          |

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

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