

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032223\  
 Data File : BN024479.D  
 Acq On : 22 Mar 2023 12:42  
 Operator : CG/JU  
 Sample : 01810-02DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCAF9DL

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/23/2023  
 Supervised By : Jagrut Upadhyay 03/23/2023

Quant Time: Mar 22 14:06:50 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN030923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 21 17:57:40 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|---------|--------|----------|
| -----                       |        |      |          |         |        |          |
| Internal Standards          |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.030  | 152  | 10001    | 0.400   | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.845 | 136  | 29849    | 0.400   | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.666 | 164  | 16886    | 0.400   | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.409 | 188  | 34647    | 0.400   | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.595 | 240  | 23536    | 0.400   | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.091 | 264  | 17477    | 0.400   | ng/ul  | # 0.01   |
| System Monitoring Compounds |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8           | 3.397  | 96   | 10508    | 0.955   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.423 | 152  | 2533     | 0.071   | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.432 | 212  | 6502     | 0.104   | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |         |        |          |
|                             |        |      |          |         | Qvalue |          |
| 5) Naphthalene              | 10.900 | 128  | 8943020  | 120.032 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.500 | 142  | 465825   | 10.306  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.715 | 142  | 789362   | 16.617  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.384 | 152  | 64948    | 0.922   | ng/ul  | 97       |
| 11) Acenaphthene            | 14.726 | 153  | 1423997  | 26.235  | ng/ul  | 97       |
| 12) Fluorene                | 15.711 | 166  | 774402   | 12.776  | ng/ul  | 100      |
| 14) Pentachlorophenol       | 17.054 | 266  | 13293    | 1.381   | ng/ul# | 73       |
| 15) Phenanthrene            | 17.451 | 178  | 656326   | 6.614   | ng/ul  | 99       |
| 16) Anthracene              | 17.540 | 178  | 51097    | 0.587   | ng/ul  | 100      |
| 19) Fluoranthene            | 19.464 | 202  | 56301    | 0.601   | ng/ul  | 98       |
| 20) Pyrene                  | 19.822 | 202  | 23599m   | 0.248   | ng/ul  |          |
| -----                       |        |      |          |         |        |          |

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

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