

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082123\  
 Data File : BN026991.D  
 Acq On : 21 Aug 2023 14:02  
 Operator : MA/JU  
 Sample : 03967-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A48K2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023  
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 01:38:31 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN080323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 18 13:11:26 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.101  | 152  | 8217     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.927 | 136  | 27245    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.731 | 164  | 15262    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.472 | 188  | 37220    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.647 | 240  | 28000    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.187 | 264  | 28117    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.439  | 96   | 33634    | 3.448 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.500 | 152  | 6634     | 0.165 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.487 | 212  | 17117    | 0.194 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.982 | 128  | 3980     | 0.052 | ng/ul# | 92       |
| 7) 2-Methylnaphthalene      | 12.577 | 142  | 1282     | 0.027 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.458 | 152  | 5629     | 0.066 | ng/ul  | 95       |
| 11) Acenaphthene            | 14.791 | 153  | 1704     | 0.029 | ng/ul  | 97       |
| 12) Fluorene                | 15.772 | 166  | 2420     | 0.036 | ng/ul# | 98       |
| 15) Phenanthrene            | 17.514 | 178  | 59186    | 0.484 | ng/ul  | 100      |
| 16) Anthracene              | 17.607 | 178  | 12419    | 0.112 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.520 | 202  | 155283   | 1.335 | ng/ul  | 99       |
| 20) Pyrene                  | 19.887 | 202  | 143801m  | 1.159 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.626 | 228  | 66663    | 0.599 | ng/ul  | 98       |
| 22) Chrysene                | 21.682 | 228  | 80528    | 0.733 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.398 | 252  | 106192m  | 0.999 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.445 | 252  | 36341m   | 0.346 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 24.073 | 252  | 66752    | 0.696 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.871 | 276  | 43676    | 0.348 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.891 | 278  | 9967     | 0.100 | ng/ul# | 79       |
| 29) Benzo(g,h,i)perylene    | 27.706 | 276  | 45485    | 0.435 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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