

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070523\  
 Data File : BN026322.D  
 Acq On : 06 Jul 2023 10:04  
 Operator : MA/JU  
 Sample : 03248-20MS  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCGK2MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023  
 Supervised By :Sohil Jodhani 07/06/2023

Quant Time: Jul 06 10:33:23 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 05 00:03:30 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.938  | 152  | 6431     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.747 | 136  | 21716    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.579 | 164  | 12583    | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.330 | 188  | 25154    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.528 | 240  | 14841    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.989 | 264  | 16174    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.310  | 96   | 1856     | 0.256 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.342 | 152  | 5592     | 0.167 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.363 | 212  | 11770    | 0.208 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.343  | 88   | 4667     | 0.607 | ng/ul# | 83       |
| 5) Naphthalene              | 10.796 | 128  | 14008    | 0.225 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.413 | 142  | 8584     | 0.217 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.628 | 142  | 8077     | 0.197 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.301 | 152  | 13509    | 0.229 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.644 | 153  | 8926     | 0.185 | ng/ul  | 100      |
| 12) Fluorene                | 15.634 | 166  | 9872     | 0.179 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.992 | 266  | 1533     | 0.170 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.372 | 178  | 39220    | 0.472 | ng/ul  | 100      |
| 16) Anthracene              | 17.469 | 178  | 18042    | 0.244 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.390 | 202  | 90880    | 1.146 | ng/ul  | 99       |
| 20) Pyrene                  | 19.758 | 202  | 80365    | 0.975 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.511 | 228  | 42342    | 0.692 | ng/ul  | 97       |
| 22) Chrysene                | 21.566 | 228  | 53310    | 0.837 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.238 | 252  | 75463m   | 1.093 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.279 | 252  | 36333m   | 0.524 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.872 | 252  | 45385    | 0.757 | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.550 | 276  | 49182    | 0.751 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.557 | 278  | 18469    | 0.373 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.335 | 276  | 48049    | 0.825 | ng/ul  | 97       |

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

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