

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013123\  
 Data File : BN023866.D  
 Acq On : 31 Jan 2023 18:02  
 Operator : CG/JU  
 Sample : PB150489BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS489

Quant Time: Feb 01 01:00:40 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN013023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 01 01:00:14 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 4120     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.667 | 136  | 11228    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.511 | 164  | 7235     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.259 | 188  | 16883    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.452 | 240  | 16720    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.852 | 264  | 14863    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.248  | 96   | 2391     | 0.541 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.262 | 152  | 5320     | 0.303 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.285 | 212  | 14695    | 0.327 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.281  | 88   | 6324     | 1.351 | ng/ul# | 81       |
| 5) Naphthalene              | 10.716 | 128  | 8869     | 0.289 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.333 | 142  | 5896     | 0.295 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.553 | 142  | 6294     | 0.308 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.229 | 152  | 8039     | 0.290 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.571 | 153  | 7038     | 0.289 | ng/ul  | 100      |
| 12) Fluorene                | 15.561 | 166  | 8403     | 0.285 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.909 | 266  | 2751     | 0.494 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.297 | 178  | 14541    | 0.289 | ng/ul  | 100      |
| 16) Anthracene              | 17.390 | 178  | 12648    | 0.300 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.318 | 202  | 18228    | 0.328 | ng/ul  | 100      |
| 20) Pyrene                  | 19.680 | 202  | 18721    | 0.325 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.435 | 228  | 18644    | 0.328 | ng/ul  | 99       |
| 22) Chrysene                | 21.487 | 228  | 18990    | 0.318 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.118 | 252  | 19727    | 0.300 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.168 | 252  | 19643    | 0.306 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.738 | 252  | 16644    | 0.304 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.329 | 276  | 22054    | 0.287 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.352 | 278  | 17943    | 0.292 | ng/ul# | 90       |
| 29) Benzo(g,h,i)perylene    | 27.093 | 276  | 18564    | 0.294 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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