

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013125\  
 Data File : BN036186.D  
 Acq On : 01 Feb 2025 02:03  
 Operator : RC/JU  
 Sample : PB166368BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS368

Quant Time: Feb 03 08:53:27 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 21 23:52:22 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.795  | 152  | 2593     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.589 | 136  | 6510     | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.436 | 164  | 4091     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.183 | 188  | 9526     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.366 | 240  | 10542    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.664 | 264  | 11561    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.259  | 96   | 1651     | 0.582 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 12.183 | 152  | 3365     | 0.409 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.211 | 212  | 9541     | 0.329 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.293  | 88   | 4485     | 1.480 | ng/ul  | 90       |
| 5) Naphthalene              | 10.638 | 128  | 6171     | 0.344 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.255 | 142  | 4827     | 0.433 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.475 | 142  | 5085     | 0.450 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.154 | 152  | 9434     | 0.489 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.496 | 153  | 7485     | 0.527 | ng/ul  | 97       |
| 12) Fluorene                | 15.486 | 166  | 8741     | 0.558 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.841 | 266  | 1954     | 0.586 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.221 | 178  | 11566    | 0.415 | ng/ul  | 98       |
| 16) Anthracene              | 17.314 | 178  | 10030    | 0.387 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.243 | 202  | 12378    | 0.309 | ng/ul  | 99       |
| 20) Pyrene                  | 19.606 | 202  | 13237    | 0.317 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.352 | 228  | 12856    | 0.342 | ng/ul  | 99       |
| 22) Chrysene                | 21.401 | 228  | 12987    | 0.338 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.968 | 252  | 13346    | 0.346 | ng/ul  | 93       |
| 25) Benzo(k)fluoranthene    | 23.015 | 252  | 13637    | 0.336 | ng/ul# | 94       |
| 26) Benzo(a)pyrene          | 23.561 | 252  | 12029    | 0.345 | ng/ul# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.998 | 276  | 14165    | 0.307 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 26.018 | 278  | 11143    | 0.314 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.713 | 276  | 10964    | 0.306 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

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

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