

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102221\  
 Data File : BN017043.D  
 Acq On : 21 Oct 2021 12:29  
 Operator : CG/JU  
 Sample : PB139975BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SLCS975

Quant Time: Oct 21 14:28:54 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN101921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 21 10:28:56 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.548  | 152  | 2163     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.321 | 136  | 8474     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.197 | 164  | 5030     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.952 | 188  | 11246    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.164 | 240  | 12637    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.373 | 264  | 13657    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.076  | 96   | 1355     | 0.576 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.921 | 152  | 3798     | 0.314 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.993 | 212  | 9591     | 0.307 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.109  | 88   | 3758     | 1.328 | ng/ul# | 43       |
| 5) Naphthalene              | 10.370 | 128  | 8225     | 0.320 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 11.998 | 142  | 5403     | 0.338 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.218 | 142  | 5368     | 0.330 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.915 | 152  | 7028     | 0.346 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.262 | 153  | 6013     | 0.345 | ng/ul  | 99       |
| 12) Fluorene                | 15.257 | 166  | 6611     | 0.328 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.610 | 266  | 1185     | 0.437 | ng/ul  | 98       |
| 15) Phenanthrene            | 16.994 | 178  | 12092    | 0.339 | ng/ul  | 99       |
| 16) Anthracene              | 17.087 | 178  | 9721     | 0.323 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.021 | 202  | 14040    | 0.324 | ng/ul  | 99       |
| 20) Pyrene                  | 19.384 | 202  | 14669    | 0.329 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.146 | 228  | 13549    | 0.329 | ng/ul  | 99       |
| 22) Chrysene                | 21.199 | 228  | 16096    | 0.343 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.710 | 252  | 17144    | 0.334 | ng/ul  | 100      |
| 25) Benzo(k)fluoranthene    | 22.753 | 252  | 19130    | 0.338 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.277 | 252  | 15101    | 0.329 | ng/ul  | 100      |
| 27) Indeno(1,2,3-cd)pyrene  | 25.602 | 276  | 21275    | 0.326 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.622 | 278  | 16518    | 0.318 | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.279 | 276  | 18393    | 0.325 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

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