

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052322\  
 Data File : BN019909.D  
 Acq On : 23 May 2022 11:08  
 Operator : CG/JU  
 Sample : SSTD0.137  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD0.1237

Quant Time: May 23 13:51:49 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN052322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 23 13:50:36 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.855  | 152  | 4429     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.639 | 136  | 15348    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.474 | 164  | 8933     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.213 | 188  | 17561    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.406 | 240  | 13167    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.741 | 264  | 11066    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 0.000  | 96   | 0d       | 0.000 | ng/ul  |          |
| 6) 2-Methylnaphthalene-d10  | 12.229 | 152  | 2478     | 0.107 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.244 | 212  | 4874     | 0.117 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.689 | 128  | 5820     | 0.117 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.300 | 142  | 3763     | 0.124 | ng/ul# | 100      |
| 8) 1-Methylnaphthalene      | 12.520 | 142  | 2948     | 0.105 | ng/ul# | 100      |
| 10) Acenaphthylene          | 14.192 | 152  | 6127     | 0.139 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.534 | 153  | 4200     | 0.118 | ng/ul  | 98       |
| 12) Fluorene                | 15.520 | 166  | 4552     | 0.117 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.255 | 178  | 7427     | 0.115 | ng/ul  | 99       |
| 16) Anthracene              | 17.348 | 178  | 6844     | 0.130 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.271 | 202  | 8078     | 0.134 | ng/ul  | 98       |
| 20) Pyrene                  | 19.634 | 202  | 8312     | 0.138 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.388 | 228  | 6558     | 0.133 | ng/ul  | 97       |
| 22) Chrysene                | 21.441 | 228  | 6645     | 0.115 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.033 | 252  | 5775     | 0.103 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 23.080 | 252  | 5729     | 0.106 | ng/ul# | 90       |
| 26) Benzo(a)pyrene          | 23.639 | 252  | 5550     | 0.116 | ng/ul# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.151 | 276  | 5893     | 0.099 | ng/ul# | 94       |
| 28) Dibenzo(a,h)anthracene  | 26.171 | 278  | 4845     | 0.097 | ng/ul# | 82       |
| 29) Benzo(g,h,i)perylene    | 26.886 | 276  | 5040     | 0.092 | ng/ul# | 90       |
| -----                       |        |      |          |       |        |          |

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

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