

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122221\  
 Data File : BN018160.D  
 Acq On : 22 Dec 2021 20:47  
 Operator : CG/JU  
 Sample : M5091-02  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BG3E1

Quant Time: Dec 23 00:09:09 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 22 14:08:04 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.611  | 152  | 4435     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.387 | 136  | 14963    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.253 | 164  | 10224    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.994 | 188  | 24081    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.190 | 240  | 22412    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.417 | 264  | 25044    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.076  | 96   | 23785    | 5.189 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.993 | 152  | 6844     | 0.332 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.031 | 212  | 26362    | 0.434 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.437 | 128  | 1544     | 0.036 | ng/ul# | 88       |
| 7) 2-Methylnaphthalene      | 12.070 | 142  | 838      | 0.031 | ng/ul  | 99       |
| 12) Fluorene                | 15.303 | 166  | 976      | 0.024 | ng/ul# | 91       |
| 14) Pentachlorophenol       | 16.661 | 266  | 179      | 0.040 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.036 | 178  | 2831     | 0.036 | ng/ul# | 93       |
| 16) Anthracene              | 17.125 | 178  | 1849     | 0.029 | ng/ul# | 87       |
| 19) Fluoranthene            | 19.058 | 202  | 3481     | 0.040 | ng/ul# | 94       |
| 20) Pyrene                  | 19.421 | 202  | 3032     | 0.034 | ng/ul# | 83       |
| 21) Benzo(a)anthracene      | 21.176 | 228  | 2388     | 0.032 | ng/ul# | 89       |
| 22) Chrysene                | 21.228 | 228  | 2478     | 0.027 | ng/ul# | 92       |
| 24) Benzo(b)fluoranthene    | 22.751 | 252  | 2601     | 0.027 | ng/ul# | 68       |
| 25) Benzo(k)fluoranthene    | 22.792 | 252  | 2687     | 0.022 | ng/ul# | 60       |
| 26) Benzo(a)pyrene          | 23.318 | 252  | 2252     | 0.025 | ng/ul# | 68       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.682 | 276  | 2505     | 0.021 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 25.702 | 278  | 1844     | 0.020 | ng/ul# | 67       |
| 29) Benzo(g,h,i)perylene    | 26.366 | 276  | 2224     | 0.023 | ng/ul# | 85       |
| -----                       |        |      |          |       |        |          |

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

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