

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060121\  
 Data File : BM030247.D  
 Acq On : 01 Jun 2021 21:34  
 Operator : CG/JU  
 Sample : M2528-02MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YARK5MS

Quant Time: Jun 02 01:11:18 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM060121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 02 01:10:46 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.867  | 152  | 5382     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.657 | 136  | 19031    | 0.40 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.485 | 164  | 10122    | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.221 | 188  | 19891    | 0.40 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.376 | 240  | 13930    | 0.40 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.663 | 264  | 11742    | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 3.338  | 96   | 689      | 0.13 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.240 | 152  | 9192     | 0.34 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.237 | 212  | 19573    | 0.42 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      | Qvalue |          |
| 2) 1,4-Dioxane              | 3.369  | 88   | 2313     | 0.41 | ng/ul  | 94       |
| 5) Naphthalene              | 10.706 | 128  | 20533    | 0.36 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.312 | 142  | 13783    | 0.36 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.532 | 142  | 12815    | 0.35 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.204 | 152  | 16570    | 0.34 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.550 | 153  | 14249    | 0.35 | ng/ul  | 100      |
| 12) Fluorene                | 15.532 | 166  | 16277    | 0.35 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.867 | 266  | 3989     | 0.64 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.263 | 178  | 27515    | 0.38 | ng/ul  | 99       |
| 16) Anthracene              | 17.353 | 178  | 23416    | 0.38 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.268 | 202  | 31463    | 0.44 | ng/ul  | 100      |
| 20) Pyrene                  | 19.630 | 202  | 31987    | 0.44 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.362 | 228  | 24730    | 0.44 | ng/ul  | 100      |
| 22) Chrysene                | 21.413 | 228  | 26378    | 0.44 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.970 | 252  | 25861    | 0.44 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.016 | 252  | 24305    | 0.44 | ng/ul  | 97       |
| 26) Benzo(a)pyrene          | 23.561 | 252  | 20695    | 0.44 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.986 | 276  | 25853    | 0.41 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.996 | 278  | 21103    | 0.42 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 26.696 | 276  | 22185    | 0.41 | ng/ul  | 98       |
| -----                       |        |      |          |      |        |          |

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

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