

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\  
 Data File : BM028820.D  
 Acq On : 19 Feb 2021 15:13  
 Operator : CG/JU  
 Sample : M1412-24  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBGZ9

Manual Integrations  
 APPROVED

mohammad  
 2/22/2021 2:07:49 PM

Quant Time: Feb 19 16:00:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 19 10:10:00 2021  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.88  | 152  | 339      | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.68 | 136  | 1452     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.53 | 164  | 1035     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.27 | 188  | 1787m    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.43 | 240  | 2767m    | 0.40  | ng/ul  | 0.02     |
| 20) Perylene-d12            | 23.68 | 264  | 1484     | 0.40  | ng/ul  | 0.03     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.28 | 152  | 682      | 0.33  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.29 | 212  | 1404     | 0.30  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 10.74 | 128  | 84       | 0.023 | ng/ul# | 1        |
| 9) Fluorene                 | 15.58 | 166  | 103      | 0.028 | ng/ul# | 85       |
| 12) Phenanthrene            | 17.31 | 178  | 276      | 0.055 | ng/ul# | 43       |
| 13) Anthracene              | 17.37 | 178  | 248      | 0.052 | ng/ul# | 1        |
| 15) Fluoranthene            | 19.32 | 202  | 377      | 0.066 | ng/ul# | 1        |
| 17) Pyrene                  | 19.68 | 202  | 307      | 0.031 | ng/ul# | 22       |
| 18) Benzo(a)anthracene      | 21.41 | 228  | 26478m   | 2.803 | ng/ul  |          |
| 19) Chrysene                | 21.43 | 228  | 30199m   | 3.216 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 23.06 | 252  | 252      | 0.050 | ng/ul# | 1        |
| 25) Dibenzo(a,h)anthracene  | 25.96 | 278  | 209      | 0.042 | ng/ul# | 1        |

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

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