

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072921\  
 Data File : BM031263.D  
 Acq On : 30 Jul 2021 00:05  
 Operator : CG/JU  
 Sample : M3084-13  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0031

Manual Integrations  
 APPROVED

mohammad  
 7/30/2021 12:02:32 PM

Quant Time: Jul 30 03:42:39 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 28 15:20:04 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.614  | 152  | 1442     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.374 | 136  | 5438     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.243 | 164  | 3342     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.989 | 188  | 6451     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.178 | 240  | 5164     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.346 | 264  | 5158     | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.199  | 96   | 4205     | 2.626 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.971 | 152  | 1406     | 0.153 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.020 | 212  | 3120     | 0.181 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.424 | 128  | 2220     | 0.137 | ng/ul  | 95       |
| 7) 2-Methylnaphthalene      | 12.043 | 142  | 1050     | 0.095 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.263 | 142  | 875      | 0.080 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.307 | 153  | 857      | 0.072 | ng/ul  | 98       |
| 12) Fluorene                | 15.297 | 166  | 1389     | 0.101 | ng/ul# | 98       |
| 15) Phenanthrene            | 17.030 | 178  | 24003    | 1.172 | ng/ul  | 98       |
| 16) Anthracene              | 17.120 | 178  | 4826     | 0.252 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.050 | 202  | 25735    | 1.167 | ng/ul  | 98       |
| 20) Pyrene                  | 19.416 | 202  | 20178    | 0.902 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.164 | 228  | 9914     | 0.475 | ng/ul  | 98       |
| 22) Chrysene                | 21.214 | 228  | 9672     | 0.448 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.701 | 252  | 11141m   | 0.479 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.742 | 252  | 4263m    | 0.178 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.251 | 252  | 7716     | 0.379 | ng/ul# | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.490 | 276  | 4814     | 0.183 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.499 | 278  | 1367     | 0.064 | ng/ul# | 51       |
| 29) Benzo(g,h,i)perylene    | 26.144 | 276  | 3506     | 0.156 | ng/ul# | 91       |
| -----                       |        |      |          |       |        |          |

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

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