

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081221\  
 Data File : BM031737.D  
 Acq On : 14 Aug 2021 05:34  
 Operator : CG/JU  
 Sample : M3208-10DL 5X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C00F0DL

Manual Integrations  
 APPROVED

mohammad  
 8/16/2021 8:41:04 AM

Quant Time: Aug 14 06:06:32 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 : Sat Aug 14 05:28:36 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|---------|--------|----------|
| -----                       |        |      |          |         |        |          |
| Internal Standards          |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.562  | 152  | 1012     | 0.400   | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.325 | 136  | 1457     | 0.400   | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.197 | 164  | 87       | 0.400   | ng/ul  | #-0.01   |
| 13) Phenanthrene-d10        | 16.950 | 188  | 72m      | 0.400   | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.149 | 240  | 110      | 0.400   | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.343 | 264  | 5        | 0.400   | ng/ul  | # 0.02   |
|                             |        |      |          |         |        |          |
| System Monitoring Compounds |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8           | 3.182  | 96   | 1046     | 0.931   | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.921 | 152  | 356      | 0.145   | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.982 | 212  | 710      | 1.934   | ng/ul  | -0.02    |
|                             |        |      |          |         |        |          |
| Target Compounds            |        |      |          |         |        |          |
|                             |        |      |          |         | Qvalue |          |
| 5) Naphthalene              | 10.374 | 128  | 3419     | 0.788   | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 11.998 | 142  | 2512     | 0.847   | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.218 | 142  | 1357     | 0.463   | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.918 | 152  | 1078     | 2.909   | ng/ul# | 87       |
| 11) Acenaphthene            | 14.258 | 153  | 169m     | 0.542   | ng/ul  |          |
| 12) Fluorene                | 15.255 | 166  | 191      | 0.532   | ng/ul# | 74       |
| 15) Phenanthrene            | 16.992 | 178  | 9065     | 39.649  | ng/ul  | 99       |
| 16) Anthracene              | 17.082 | 178  | 1173     | 5.480   | ng/ul# | 89       |
| 19) Fluoranthene            | 19.012 | 202  | 15393    | 32.771  | ng/ul  | 97       |
| 20) Pyrene                  | 19.378 | 202  | 13085    | 27.466  | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.132 | 228  | 7965     | 17.932  | ng/ul  | 95       |
| 22) Chrysene                | 21.183 | 228  | 10913    | 23.746  | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 22.662 | 252  | 12107m   | 537.424 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.701 | 252  | 3879m    | 166.656 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.207 | 252  | 6103     | 309.343 | ng/ul# | 88       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.427 | 276  | 4711     | 184.719 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.436 | 278  | 1349m    | 65.634  | ng/ul  |          |
| 29) Benzo(g,h,i)perylene    | 26.078 | 276  | 1013     | 46.562  | ng/ul# | 66       |
| -----                       |        |      |          |         |        |          |

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

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