

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071321\  
 Data File : BM030939.D  
 Acq On : 13 Jul 2021 20:17  
 Operator : CG/JU  
 Sample : M2878-07DL 5X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDZ8DL

Manual Integrations  
 APPROVED

mohammad  
 7/14/2021 12:16:41 PM

Quant Time: Jul 14 04:09:33 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM071321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 14 04:01:52 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.670  | 152  | 959      | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.436 | 136  | 3328     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.295 | 164  | 2123     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.044 | 188  | 4571     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.232 | 240  | 4059     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.426 | 264  | 4107     | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.237  | 96   | 495      | 0.502 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.028 | 152  | 222      | 0.038 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.073 | 212  | 602      | 0.044 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.485 | 128  | 455      | 0.046 | ng/ul# | 71       |
| 10) Acenaphthylene          | 14.015 | 152  | 313      | 0.030 | ng/ul# | 66       |
| 11) Acenaphthene            | 14.360 | 153  | 358      | 0.048 | ng/ul  | 91       |
| 12) Fluorene                | 15.349 | 166  | 278      | 0.031 | ng/ul# | 93       |
| 15) Phenanthrene            | 17.085 | 178  | 4080     | 0.284 | ng/ul  | 96       |
| 16) Anthracene              | 17.176 | 178  | 1917     | 0.139 | ng/ul  | 94       |
| 19) Fluoranthene            | 19.103 | 202  | 15755    | 0.881 | ng/ul  | 98       |
| 20) Pyrene                  | 19.466 | 202  | 10680    | 0.591 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.218 | 228  | 9386     | 0.535 | ng/ul  | 95       |
| 22) Chrysene                | 21.269 | 228  | 7868     | 0.434 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.775 | 252  | 9351m    | 0.471 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.814 | 252  | 4608m    | 0.231 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.330 | 252  | 4324     | 0.251 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.605 | 276  | 3381     | 0.144 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 25.617 | 278  | 1283     | 0.068 | ng/ul# | 37       |
| -----                       |        |      |          |       |        |          |

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

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