

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072321\  
 Data File : BM031131.D  
 Acq On : 24 Jul 2021 22:05  
 Operator : CG/JU  
 Sample : M2973-13  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGE18

Manual Integrations  
 APPROVED

mohammad  
 7/26/2021 1:27:06 PM

Quant Time: Jul 26 02:42:06 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 26 02:23:23 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.639  | 152  | 1358     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.400 | 136  | 5315     | 0.40 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.261 | 164  | 3529     | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.006 | 188  | 7684     | 0.40 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.190 | 240  | 7687     | 0.40 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.362 | 264  | 6775     | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 3.213  | 96   | 3008     | 2.11 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.992 | 152  | 1170     | 0.13 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.035 | 212  | 3163     | 0.13 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      |        | Qvalue   |
| 5) Naphthalene              | 10.450 | 128  | 760      | 0.05 | ng/ul# | 82       |
| 10) Acenaphthylene          | 13.980 | 152  | 941      | 0.07 | ng/ul  | 91       |
| 11) Acenaphthene            | 14.326 | 153  | 5266     | 0.41 | ng/ul  | 97       |
| 12) Fluorene                | 15.315 | 166  | 1281     | 0.09 | ng/ul# | 95       |
| 15) Phenanthrene            | 17.047 | 178  | 21678    | 0.89 | ng/ul  | 99       |
| 16) Anthracene              | 17.137 | 178  | 7872     | 0.34 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.065 | 202  | 50750    | 1.64 | ng/ul  | 97       |
| 20) Pyrene                  | 19.427 | 202  | 23706    | 0.75 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.178 | 228  | 30165    | 0.98 | ng/ul  | 95       |
| 22) Chrysene                | 21.226 | 228  | 24615    | 0.74 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.720 | 252  | 30079m   | 0.94 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.756 | 252  | 11396m   | 0.35 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.268 | 252  | 7037     | 0.26 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.511 | 276  | 5496     | 0.15 | ng/ul# | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.523 | 278  | 3065     | 0.11 | ng/ul# | 82       |
| -----                       |        |      |          |      |        |          |

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

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