

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080921\  
 Data File : BM031608.D  
 Acq On : 09 Aug 2021 18:01  
 Operator : CG/JU  
 Sample : M3169-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C00A2

Manual Integrations  
 APPROVED

mohammad  
 8/10/2021 4:36:19 PM

Quant Time: Aug 10 02:49:27 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 : Tue Aug 10 02:43:39 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.580  | 152  | 1130     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.338 | 136  | 4299     | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.212 | 164  | 2770     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.961 | 188  | 4990     | 0.400  | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.156 | 240  | 3918     | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.312 | 264  | 3884     | 0.400  | ng/ul  | # 0.00   |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.186  | 96   | 8403     | 6.696  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.935 | 152  | 3328     | 0.459  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.993 | 212  | 6706     | 0.513  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.388 | 128  | 10166    | 0.794  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.007 | 142  | 6241     | 0.713  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.232 | 142  | 3646     | 0.422  | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.932 | 152  | 8785     | 0.745  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.273 | 153  | 1010     | 0.102  | ng/ul  | 96       |
| 12) Fluorene                | 15.266 | 166  | 1943     | 0.170  | ng/ul# | 94       |
| 15) Phenanthrene            | 17.003 | 178  | 77806    | 4.910  | ng/ul  | 98       |
| 16) Anthracene              | 17.093 | 178  | 18246    | 1.230  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.024 | 202  | 219836   | 13.140 | ng/ul  | 97       |
| 20) Pyrene                  | 19.390 | 202  | 180688   | 10.648 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.139 | 228  | 108403   | 6.852  | ng/ul  | 98       |
| 22) Chrysene                | 21.193 | 228  | 108461   | 6.626  | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.674 | 252  | 140072m  | 8.004  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.713 | 252  | 54782m   | 3.030  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.222 | 252  | 96886m   | 6.322  | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.444 | 276  | 63175    | 3.189  | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.451 | 278  | 16094    | 1.008  | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 26.098 | 276  | 50094    | 2.964  | ng/ul  | 99       |
| -----                       |        |      |          |        |        |          |

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

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