

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080521\  
 Data File : BM031568.D  
 Acq On : 08 Aug 2021 01:58  
 Operator : CG/JU  
 Sample : M3181-05  
 Misc :  
 ALS Vial : 94 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGEY7

Manual Integrations  
 APPROVED

mohammad  
 8/9/2021 12:14:20 PM

Quant Time: Aug 09 04:09:21 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 : Fri Aug 06 18:39:21 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.583  | 152  | 1192     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.343 | 136  | 4445     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.216 | 164  | 2559     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.964 | 188  | 4799     | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.159 | 240  | 3765     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.314 | 264  | 3821     | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.189  | 96   | 2934     | 2.216 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.939 | 152  | 1183     | 0.158 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.997 | 212  | 2251     | 0.179 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.006 | 178  | 696      | 0.046 | ng/ul# | 82       |
| 19) Fluoranthene            | 19.027 | 202  | 1977     | 0.123 | ng/ul# | 86       |
| 20) Pyrene                  | 19.390 | 202  | 1662m    | 0.102 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.144 | 228  | 737      | 0.048 | ng/ul# | 78       |
| 22) Chrysene                | 21.195 | 228  | 858      | 0.055 | ng/ul# | 84       |
| 24) Benzo(b)fluoranthene    | 22.672 | 252  | 1255m    | 0.073 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.713 | 252  | 521m     | 0.029 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.217 | 252  | 753      | 0.050 | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 25.451 | 276  | 537      | 0.028 | ng/ul# | 79       |
| -----                       |        |      |          |       |        |          |

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

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