

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\  
 Data File : BM025344.D  
 Acq On : 07 Mar 2020 11:40  
 Operator : CG/JU  
 Sample : L1616-04  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBDP8

Manual Integrations  
 APPROVED

mohammad  
 3/9/2020 3:01:19 PM

Quant Time: Mar 07 21:25:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 07 19:35:17 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.67  | 152  | 5195     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.43 | 136  | 23000    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.30 | 164  | 16581    | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.04 | 188  | 37543m   | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.22 | 240  | 35418    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.41 | 264  | 31742    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.03 | 152  | 10933    | 0.25  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.07 | 212  | 32579    | 0.27  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       | Ovalue |          |
| 12) Phenanthrene            | 17.08 | 178  | 3153     | 0.026 | ng/ul  | 97       |
| 15) Fluoranthene            | 19.09 | 202  | 4939     | 0.033 | ng/ul  | 96       |
| 17) Pyrene                  | 19.46 | 202  | 4989     | 0.037 | ng/ul# | 93       |
| 18) Benzo(a)anthracene      | 21.21 | 228  | 2794     | 0.021 | ng/ul  | 93       |
| 19) Chrysene                | 21.26 | 228  | 6138     | 0.043 | ng/ul  | 100      |
| 21) Benzo(b)fluoranthene    | 22.76 | 252  | 9187m    | 0.072 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.80 | 252  | 4079m    | 0.031 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.32 | 252  | 4156     | 0.039 | ng/ul# | 59       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.58 | 276  | 4783     | 0.036 | ng/ul# | 100      |
| 26) Benzo(g,h,i)perylene    | 26.25 | 276  | 3320     | 0.029 | ng/ul# | 89       |

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

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