

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\  
 Data File : BM025237.D  
 Acq On : 04 Mar 2020 06:52  
 Operator : CG/JU  
 Sample : L1516-05  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBD23

Manual Integrations  
 APPROVED

mohammad  
 3/5/2020 7:56:31 AM

Quant Time: Mar 04 08:16:55 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 : Wed Mar 04 08:02:03 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.68  | 152  | 4971     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.44 | 136  | 21904    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.31 | 164  | 16026    | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.05 | 188  | 38221    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.23 | 240  | 35285    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.42 | 264  | 31539    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.04 | 152  | 7458     | 0.18  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.08 | 212  | 21728    | 0.17  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 8) Acenaphthene             | 14.37 | 153  | 1357     | 0.023 | ng/ul  | 96       |
| 12) Phenanthrene            | 17.09 | 178  | 9280     | 0.075 | ng/ul  | 98       |
| 15) Fluoranthene            | 19.11 | 202  | 12092    | 0.078 | ng/ul  | 98       |
| 17) Pyrene                  | 19.47 | 202  | 12416m   | 0.093 | ng/ul  |          |
| 18) Benzo(a)anthracene      | 21.22 | 228  | 6823     | 0.053 | ng/ul  | 98       |
| 19) Chrysene                | 21.27 | 228  | 7836     | 0.055 | ng/ul  | 98       |
| 21) Benzo(b)fluoranthene    | 22.77 | 252  | 11462m   | 0.091 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.81 | 252  | 4458m    | 0.034 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.33 | 252  | 4640     | 0.044 | ng/ul# | 81       |

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

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