

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070816\  
 Data File : BM006319.D  
 Acq On : 07 Jul 2016 14:54  
 Operator : UM/SJ  
 Sample : H3914-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4TR5

## Manual Integrations

APPROVED  
 umangi  
 7/8/2016 7:12:50 PM

Quant Time: Jul 08 02:55:34 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 08 01:14:08 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 4255     | 0.40   | ng/ul | 0.00     |
| 4) Naphthalene-d8           | 10.43 | 136  | 17310    | 0.40   | ng/ul | 0.00     |
| 8) Acenaphthene-d10         | 14.30 | 164  | 11152    | 0.40   | ng/ul | 0.00     |
| 12) Phenanthrene-d10        | 17.04 | 188  | 24159m   | 0.40   | ng/ul | 0.00     |
| 18) Chrysene-d12            | 21.24 | 240  | 21246    | 0.40   | ng/ul | 0.00     |
| 22) Perylene-d12            | 23.45 | 264  | 13317m   | 0.40   | ng/ul | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 2) 1,4-Dioxane-d8           | 3.17  | 96   | 2899m    | 1.61   | ng/uL | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.02 | 152  | 7975     | 0.39   | ng/ul | 0.00     |
| 16) Fluoranthene-d10        | 19.07 | 212  | 23956    | 0.47   | ng/ul | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 5) Naphthalene              | 10.48 | 128  | 4108074  | 101.75 | ng/ul | 98       |
| 7) 2-Methylnaphthalene      | 12.09 | 142  | 8624     | 0.32   | ng/ul | 99       |
| 10) Acenaphthene            | 14.35 | 153  | 3641     | 0.10   | ng/ul | 89       |
| 11) Fluorene                | 15.34 | 166  | 5977m    | 0.14   | ng/ul |          |
| 14) Phenanthrene            | 17.07 | 178  | 17033m   | 0.25   | ng/ul |          |
| 17) Fluoranthene            | 19.11 | 202  | 2218     | 0.03   | ng/ul | 80       |

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

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