

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\  
 Data File : BM008663.D  
 Acq On : 25 Dec 2016 10:11  
 Operator : UM/SJ  
 Sample : H6040-11DL 10X  
 Misc :  
 ALS Vial : 77 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DA8W4DL

Manual Integrations  
 APPROVED

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 12/26/2016 6:29:35 PM

Quant Time: Dec 26 16:28:52 2016  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 26 03:21:10 2016  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.65  | 152  | 509      | 0.40 | ng/ul  | -0.12    |
| 2) Naphthalene-d8           | 10.42 | 136  | 1747m    | 0.40 | ng/ul  | -0.10    |
| 6) Acenaphthene-d10         | 14.28 | 164  | 1190m    | 0.40 | ng/ul  | -0.05    |
| 10) Phenanthrene-d10        | 17.04 | 188  | 2071     | 0.40 | ng/ul  | -0.05    |
| 16) Chrysene-d12            | 21.25 | 240  | 1645     | 0.40 | ng/ul  | -0.02    |
| 20) Perylene-d12            | 23.48 | 264  | 1716     | 0.40 | ng/ul  | -0.02    |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.05 | 152  | 44m      | 0.02 | ng/ul  | -0.07    |
| 14) Fluoranthene-d10        | 19.08 | 212  | 244m     | 0.04 | ng/ul  | -0.03    |
| Target Compounds            |       |      |          |      |        |          |
| 3) Naphthalene              | 10.45 | 128  | 23250m   | 4.73 | ng/ul  |          |
| 5) 2-Methylnaphthalene      | 12.07 | 142  | 23114m   | 6.99 | ng/ul  |          |
| 8) Acenaphthene             | 14.33 | 153  | 1640     | 0.41 | ng/ul  | 90       |
| 9) Fluorene                 | 15.34 | 166  | 6939     | 1.50 | ng/ul  | 96       |
| 12) Phenanthrene            | 17.07 | 178  | 6111     | 0.97 | ng/ul# | 95       |
| 13) Anthracene              | 17.18 | 178  | 1724m    | 0.28 | ng/ul  |          |
| 15) Fluoranthene            | 19.11 | 202  | 1567m    | 0.20 | ng/ul  |          |
| 17) Pyrene                  | 19.47 | 202  | 2005     | 0.32 | ng/ul# | 79       |

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

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