

Data File : BM021947.D  
Acq On : 08 Aug 2019 23:36  
Operator : HP/JU  
Sample : K4116-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JLLE6

Manual Integrations  
APPROVED

mohammad  
8/9/2019 6:13:50 AM

Quant Time: Aug 19 04:43:01 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM080319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 09 01:29:50 2019  
Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.62  | 152  | 792      | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.40 | 136  | 3434     | 0.40   | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.27 | 164  | 1840     | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.03 | 188  | 4061m    | 0.40   | ng/ul  | -0.02    |
| 16) Chrysene-d12            | 21.24 | 240  | 3755m    | 0.40   | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.45 | 264  | 5924     | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.02 | 152  | 941      | 0.17   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.06 | 212  | 2427m    | 0.18   | ng/ul  | -0.01    |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 12) Phenanthrene            | 17.07 | 178  | 363m     | 0.031  | ng/ul  |          |
| 15) Fluoranthene            | 19.09 | 202  | 606m     | 0.038  | ng/ul  |          |
| 17) Pyrene                  | 19.46 | 202  | 729      | 0.047  | ng/ul# | 62       |
| 18) Benzo(a)anthracene      | 21.22 | 228  | 397      | 0.030  | ng/ul# | 62       |

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

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