

Data File : BM017966.D  
Acq On : 06 Dec 2018 14:49  
Operator : JU/SJ  
Sample : J6077-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9Y45

Manual Integrations  
APPROVED

mohammad  
12/7/2018 12:21:22 PM

Quant Time: Dec 12 06:44:59 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Dec 06 13:33:35 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 124066   | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 10.33 | 136  | 476084   | 20.00 | ng/ul | -0.02    |
| 35) Acenaphthene-d10      | 14.21 | 164  | 244161   | 20.00 | ng/ul | -0.02    |
| 61) Phenanthrene-d10      | 16.97 | 188  | 510090   | 20.00 | ng/ul | -0.02    |
| 77) Chrysene-d12          | 21.19 | 240  | 562629   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.36 | 264  | 595632   | 20.00 | ng/ul | -0.01    |

#### System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.18  | 96  | 5267m   | 1.94  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.76  | 99  | 61257   | 5.41  | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.92  | 67  | 176012  | 25.76 | ng/ul | -0.02 |
| 9) 2-Chlorophenol-d4           | 7.10  | 132 | 205359  | 23.16 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 115673  | 12.49 | ng/ul | -0.02 |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 115239  | 31.51 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 129247  | 30.85 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 208672  | 26.16 | ng/ul | -0.02 |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0d      | 0.00  | ng/ul |       |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 674092  | 31.82 | ng/ul | -0.02 |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 818230  | 31.91 | ng/ul | -0.02 |
| 51) 4-Nitrophenol-d4           | 14.50 | 143 | 11845m  | 3.08  | ng/ul | 0.04  |
| 57) Fluorene-d10               | 15.21 | 176 | 566852  | 30.99 | ng/ul | -0.02 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 84062   | 23.05 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.07 | 188 | 860136  | 33.87 | ng/ul | -0.02 |
| 78) Pyrene-d10                 | 19.37 | 212 | 955425  | 35.09 | ng/ul | -0.01 |
| 89) Benzo(a)pyrene-d12         | 23.23 | 264 | 1114642 | 34.50 | ng/ul | 0.00  |

| Target Compounds            |       |     |        |       | Qvalue   |
|-----------------------------|-------|-----|--------|-------|----------|
| 4) Benzaldehyde             | 6.73  | 77  | 4838   | 2.290 | ng/ul 89 |
| 33) 4-Chloro-3-methylphenol | 11.66 | 107 | 10229m | 1.196 | ng/ul    |

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

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