

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\  
 Data File : BM018066.D  
 Acq On : 11 Dec 2018 20:24  
 Operator : JU/SJ  
 Sample : J6170-11  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9M04

Manual Integrations  
 APPROVED

Sohil  
 12/12/2018 5:42:50 PM

Quant Time: Dec 12 01:30:50 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 12 00:58:41 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 176365   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 769080   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.20 | 164  | 418750   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.96 | 188  | 858063   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.17 | 240  | 670333   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.35 | 264  | 632281   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 5190    | 1.35  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.74  | 99  | 94607   | 5.87  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.90  | 67  | 254429  | 26.20 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 307715  | 24.42 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.26  | 113 | 175481  | 13.33 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.70  | 128 | 186906  | 31.64 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.42  | 143 | 211559  | 31.25 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.95  | 165 | 329417  | 25.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.49 | 131 | 13727   | 1.24  | ng/ul | 0.02 |
| 43) Dimethylphthalate-d6       | 13.62 | 166 | 1173560 | 32.30 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.89 | 160 | 1427479 | 32.46 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.47 | 143 | 23459m  | 3.55  | ng/ul | 0.03 |
| 57) Fluorene-d10               | 15.20 | 176 | 1011276 | 32.23 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 160877  | 26.23 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.06 | 188 | 1506961 | 35.27 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.36 | 212 | 1424657 | 43.92 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.21 | 264 | 1224407 | 35.71 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |          | Ovalue  |           |
|-------------------------|-------|-----|----------|---------|-----------|
| 28) Naphthalene         | 10.38 | 128 | 17861404 | 445.749 | ng/ul# 95 |
| 34) 2-Methylnaphthalene | 11.99 | 142 | 1182648  | 39.536  | ng/ul 99  |
| 40) 1,1'-Biphenyl       | 13.02 | 154 | 150164   | 4.356   | ng/ul 99  |
| 58) Fluorene            | 15.26 | 166 | 41868    | 1.199   | ng/ul 96  |

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

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