

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\  
 Data File : BM018003.D  
 Acq On : 07 Dec 2018 17:11  
 Operator : JU/SJ  
 Sample : J6077-05  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9Y38

Manual Integrations  
 APPROVED

Sohil  
 12/11/2018 8:40:05 AM

Quant Time: Dec 07 22:55:36 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 07 22:20:53 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 130636   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 518773   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.20 | 164  | 268264   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.96 | 188  | 566153   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.18 | 240  | 603275   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.36 | 264  | 624339   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 14482   | 5.07  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.75  | 99  | 305861  | 25.64 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 189150  | 26.29 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 272099  | 29.15 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 243273  | 24.96 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.71  | 128 | 127670  | 32.04 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.42  | 143 | 138464  | 30.33 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 234120  | 26.94 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.48 | 131 | 260072  | 34.87 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 712188  | 30.60 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.89 | 160 | 896730  | 31.83 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 80351m  | 18.99 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.20 | 176 | 609576  | 30.33 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 92890   | 22.95 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.06 | 188 | 909638  | 32.27 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.37 | 212 | 1007579 | 34.52 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.22 | 264 | 1112415 | 32.85 | ng/ul | 0.00 |

## Target Compounds

|                         |       |     |       |             | Ovalue |
|-------------------------|-------|-----|-------|-------------|--------|
| 6) Phenol               | 6.77  | 94  | 59651 | 5.009 ng/ul | 96     |
| 28) Naphthalene         | 10.37 | 128 | 66287 | 2.452 ng/ul | 98     |
| 34) 2-Methylnaphthalene | 12.00 | 142 | 56866 | 2.818 ng/ul | 94     |
| 44) Dimethylphthalate   | 13.67 | 163 | 94795 | 4.204 ng/ul | 98     |

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

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