

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM100416\  
 Data File : BM007656.D  
 Acq On : 04 Oct 2016 15:10  
 Operator : UM/SJ  
 Sample : H5033-07  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 H1A03

Manual Integrations  
 APPROVED

umangi  
 10/4/2016 7:35:09 PM

Quant Time: Oct 04 15:42:04 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM092316.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 04 13:03:57 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.77  | 152  | 155950   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.55 | 136  | 736223   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.40 | 164  | 592189   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.14 | 188  | 1375396  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.33 | 240  | 1638655  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.59 | 264  | 1478712  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.30  | 96  | 6051    | 1.91  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.95  | 99  | 111024  | 8.02  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.11  | 67  | 244648  | 32.87 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.30  | 132 | 267401  | 26.60 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.47  | 113 | 210039  | 17.78 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.93  | 128 | 174107  | 33.08 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.65  | 143 | 194195  | 32.48 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.18 | 165 | 347350  | 29.15 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.74 | 131 | 1736m   | 0.14  | ng/ul | 0.04 |
| 43) Dimethylphthalate-d6       | 13.82 | 166 | 1596721 | 37.07 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.09 | 160 | 1781355 | 35.64 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.63 | 143 | 39707   | 5.22  | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.40 | 176 | 1439737 | 38.11 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 266402  | 31.74 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.24 | 188 | 2473899 | 39.14 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.54 | 212 | 3067155 | 47.17 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.44 | 264 | 2603296 | 39.79 | ng/ul | 0.00 |

| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

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

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