

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\  
 Data File : BM013073.D  
 Acq On : 21 Nov 2017 08:51  
 Operator : SJ/JU  
 Sample : I6405-09  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BE2T0

Manual Integrations  
 APPROVED

Sohil  
 11/22/2017 1:00:16 PM

Quant Time: Nov 22 11:50:32 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 21 07:39:32 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 253944   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.49 | 136  | 993704   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.36 | 164  | 521002   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.10 | 188  | 1052322  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.28 | 240  | 1004076  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.51 | 264  | 1004583  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 32892   | 6.00  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.90  | 99  | 126170  | 5.74  | ng/ul | 0.01  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.05  | 67  | 349592  | 28.01 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 404485  | 23.01 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.43  | 113 | 243981  | 13.54 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.87  | 128 | 244861  | 34.57 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.58  | 143 | 279021  | 41.42 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.13 | 165 | 450588  | 26.35 | ng/ul | 0.01  |
| 29) 4-Chloroaniline-d4         | 10.62 | 131 | 10939m  | 0.61  | ng/ul | -0.02 |
| 43) Dimethylphthalate-d6       | 13.77 | 166 | 1296630 | 28.37 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.05 | 160 | 1650138 | 28.34 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.59 | 143 | 45245m  | 6.53  | ng/ul | 0.03  |
| 57) Fluorene-d10               | 15.35 | 176 | 1099116 | 28.30 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 163778  | 35.89 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.20 | 188 | 1566187 | 29.07 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.49 | 212 | 1582272 | 30.85 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.37 | 264 | 1504307 | 29.53 | ng/ul | 0.00  |

## Target Compounds

|                            |       |     |        |        | Ovalue |    |
|----------------------------|-------|-----|--------|--------|--------|----|
| 2) 1,4-Dioxane             | 3.29  | 88  | 42053  | 6.982  | ng/uL# | 63 |
| 8) Bis(2-Chloroethyl)ether | 7.15  | 93  | 474355 | 29.020 | ng/ul  | 98 |
| 28) Naphthalene            | 10.55 | 128 | 207069 | 4.044  | ng/ul  | 98 |
| 49) Acenaphthene           | 14.42 | 153 | 41281  | 1.145  | ng/ul  | 94 |
| 56) Diethylphthalate       | 15.19 | 149 | 47291  | 1.070  | ng/ul  | 96 |
| 64) N-Nitrosodiphenylamine | 15.62 | 169 | 292410 | 8.851  | ng/ul  | 99 |

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

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