

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091920\  
 Data File : BM027475.D  
 Acq On : 18 Sep 2020 23:14  
 Operator : JU/CG  
 Sample : L4046-12  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BG0Q0

Manual Integrations  
 APPROVED

mohammad  
 9/21/2020 10:48:01 AM

Quant Time: Sep 19 01:57:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM090420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 19 00:24:00 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.50  | 152  | 121447   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.27 | 136  | 452986   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.15 | 164  | 307359   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.89 | 188  | 662424   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.10 | 240  | 654846   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.23 | 264  | 677509   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.05  | 96  | 18088   | 6.63  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.69  | 99  | 97974   | 9.79  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.85  | 67  | 257855  | 38.79 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.04  | 132 | 259387  | 35.38 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.22  | 113 | 175397  | 21.48 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.64  | 128 | 148629  | 43.58 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.36  | 143 | 178218  | 47.65 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.90  | 165 | 337944  | 41.99 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.41 | 131 | 69792   | 7.34  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.57 | 166 | 1115204 | 45.60 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.83 | 160 | 1378107 | 49.88 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.39 | 143 | 33851m  | 7.86  | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.14 | 176 | 962445  | 43.94 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.27 | 200 | 178083  | 42.01 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.99 | 188 | 1497666 | 47.81 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.30 | 212 | 1628130 | 55.81 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.10 | 264 | 1729326 | 47.59 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |         |         | Ovalue |    |
|----------------------------|-------|-----|---------|---------|--------|----|
| 2) 1,4-Dioxane             | 3.09  | 88  | 51682   | 15.821  | ng/uL  | 95 |
| 6) Phenol                  | 6.72  | 94  | 44107   | 4.146   | ng/ul  | 95 |
| 8) Bis(2-Chloroethyl)ether | 6.93  | 93  | 18004   | 2.107   | ng/ul  | 93 |
| 28) Naphthalene            | 10.33 | 128 | 8541965 | 354.894 | ng/ul  | 99 |
| 34) 2-Methylnaphthalene    | 11.94 | 142 | 665095  | 36.550  | ng/ul  | 97 |
| 41) 1,1'-Biphenyl          | 12.97 | 154 | 39267   | 1.699   | ng/ul  | 98 |
| 45) Dimethylphthalate      | 13.62 | 163 | 43435   | 1.685   | ng/ul# | 94 |
| 50) Acenaphthene           | 14.21 | 153 | 330400  | 16.496  | ng/ul  | 98 |

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

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