

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121520\  
 Data File : BM028126.D  
 Acq On : 15 Dec 2020 14:10  
 Operator : JU/CG  
 Sample : SSTD16004  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16004

Manual Integrations  
 APPROVED

mohammad  
 12/18/2020 10:24:40 AM

Quant Time: Dec 15 14:46:31 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121520MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 15 12:58:02 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.22  | 152  | 154355   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.05 | 136  | 627346   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.84 | 164  | 346937   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.56 | 188  | 616425   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.68 | 240  | 507166   | 20.00 | ng/ul | 0.01     |
| 86) Perylene-d12          | 24.04 | 264  | 514472   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |        |       |      |
|--------------------------------|-------|-----|---------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0d      | 0.00   | ng/uL |      |
| 5) Phenol-d5                   | 7.37  | 99  | 2101083 | 144.11 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.54  | 67  | 1290678 | 142.77 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4           | 0.00  | 132 | 0d      | 0.00   | ng/ul |      |
| 13) 4-Methylphenol-d8          | 8.94  | 113 | 1692073 | 148.69 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 0.00  | 128 | 0d      | 0.00   | ng/ul |      |
| 22) 2-Nitrophenol-d4           | 0.00  | 143 | 0d      | 0.00   | ng/ul |      |
| 26) 2,4-Dichlorophenol-d3      | 0.00  | 165 | 0d      | 0.00   | ng/ul |      |
| 29) 4-Chloroaniline-d4         | 11.18 | 131 | 1704611 | 142.13 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 0.00  | 166 | 0d      | 0.00   | ng/ul |      |
| 47) Acenaphthylene-d8          | 0.00  | 160 | 0d      | 0.00   | ng/ul |      |
| 52) 4-Nitrophenol-d4           | 15.04 | 143 | 774690  | 158.52 | ng/ul | 0.03 |
| 58) Fluorene-d10               | 0.00  | 176 | 0d      | 0.00   | ng/ul |      |
| 63) 4,6-Dinitro-2-methylphenol | 15.95 | 200 | 676433  | 180.54 | ng/ul | 0.02 |
| 71) Anthracene-d10             | 0.00  | 188 | 0d      | 0.00   | ng/ul |      |
| 79) Pyrene-d10                 | 0.00  | 212 | 0d      | 0.00   | ng/ul |      |
| 90) Benzo(a)pyrene-d12         | 0.00  | 264 | 0d      | 0.00   | ng/ul |      |

## Target Compounds

|                                |       |     |         |         | Ovalue    |
|--------------------------------|-------|-----|---------|---------|-----------|
| 4) Benzaldehyde                | 7.34  | 77  | 818953  | 93.822  | ng/ul 99  |
| 6) Phenol                      | 7.40  | 94  | 2090995 | 142.516 | ng/ul 99  |
| 8) Bis(2-Chloroethyl)ether     | 7.64  | 93  | 1700706 | 148.050 | ng/ul 95  |
| 11) 2-Methylphenol             | 8.66  | 108 | 1592566 | 146.595 | ng/ul 98  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.76  | 45  | 2805380 | 158.784 | ng/ul 99  |
| 14) Acetophenone               | 9.06  | 105 | 2458866 | 136.394 | ng/ul 99  |
| 16) 4-Methylphenol             | 9.02  | 108 | 1698502 | 146.901 | ng/ul 98  |
| 30) 4-Chloroaniline            | 11.21 | 127 | 1631377 | 142.348 | ng/ul 99  |
| 32) Caprolactam                | 12.03 | 113 | 460128m | 146.057 | ng/ul     |
| 38) Hexachlorocyclopentadiene  | 13.03 | 237 | 1226979 | 144.105 | ng/ul 99  |
| 49) 3-Nitroaniline             | 14.75 | 138 | 728483  | 152.951 | ng/ul 91  |
| 51) 2,4-Dinitrophenol          | 14.95 | 184 | 535257  | 171.520 | ng/ul 98  |
| 53) 4-Nitrophenol              | 15.05 | 109 | 560017  | 96.843  | ng/ul 95  |
| 61) 4-Nitroaniline             | 15.92 | 138 | 739076  | 138.876 | ng/ul 99  |
| 64) 4,6-Dinitro-2-methylphenol | 15.96 | 198 | 700063  | 178.991 | ng/ul# 97 |
| 68) Atrazine                   | 17.02 | 200 | 1083046 | 154.429 | ng/ul 100 |
| 69) Pentachlorophenol          | 17.21 | 266 | 786587  | 168.472 | ng/ul 97  |
| 75) Carbazole                  | 17.96 | 167 | 4886581 | 157.677 | ng/ul 99  |
| 77) Fluoranthene               | 19.59 | 202 | 5786952 | 143.892 | ng/ul 97  |
| 82) 3,3'-Dichlorobenzidine     | 21.59 | 252 | 1405013 | 143.223 | ng/ul 99  |
| 87) Di-n-octyl phthalate       | 22.48 | 149 | 5888767 | 152.875 | ng/ul 100 |

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

