

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM063020\  
 Data File : BM026619.D  
 Acq On : 30 Jun 2020 11:45  
 Operator : JU/CG  
 Sample : SSTD16002  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16002

Manual Integrations  
 APPROVED

mohammad  
 7/1/2020 8:10:08 AM

Quant Time: Jun 30 12:23:14 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 30 10:35:23 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.36  | 152  | 90875    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.12 | 136  | 422181   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.02 | 164  | 257974   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.78 | 188  | 482101   | 20.00 | ng/ul | 0.01     |
| 78) Chrysene-d12          | 21.00 | 240  | 428136   | 20.00 | ng/ul | 0.01     |
| 86) Perylene-d12          | 23.07 | 264  | 433446   | 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                   | 6.58  | 99  | 1504877 | 179.76 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.73  | 67  | 947019  | 178.82 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4           | 0.00  | 132 | 0d      | 0.00   | ng/ul |      |
| 13) 4-Methylphenol-d8          | 8.10  | 113 | 1186703 | 180.09 | 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         | 10.27 | 131 | 900601  | 113.66 | 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           | 14.29 | 143 | 537427  | 149.40 | ng/ul | 0.04 |
| 58) Fluorene-d10               | 0.00  | 176 | 0d      | 0.00   | ng/ul |      |
| 63) 4,6-Dinitro-2-methylphenol | 15.19 | 200 | 564911  | 179.04 | 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                | 6.52  | 77  | 602590  | 125.291 | ng/ul 99  |
| 6) Phenol                      | 6.61  | 94  | 1665270 | 181.646 | ng/ul 96  |
| 8) Bis(2-Chloroethyl)ether     | 6.82  | 93  | 1183795 | 172.541 | ng/ul 95  |
| 11) 2-Methylphenol             | 7.83  | 108 | 1199415 | 180.010 | ng/ul 97  |
| 12) 2,2'-oxybis(1-Chloropropan | 7.90  | 45  | 2211216 | 188.810 | ng/ul 99  |
| 14) Acetophenone               | 8.19  | 105 | 2036016 | 188.258 | ng/ul 87  |
| 16) 4-Methylphenol             | 8.18  | 108 | 1333944 | 184.857 | ng/ul 97  |
| 30) 4-Chloroaniline            | 10.30 | 127 | 978242  | 119.185 | ng/ul 100 |
| 32) Caprolactam                | 11.15 | 113 | 345688m | 143.516 | ng/ul     |
| 38) Hexachlorocyclopentadiene  | 12.16 | 237 | 1002292 | 212.803 | ng/ul 99  |
| 49) 3-Nitroaniline             | 13.96 | 138 | 557574  | 132.613 | ng/ul 95  |
| 51) 2,4-Dinitrophenol          | 14.17 | 184 | 464012  | 193.940 | ng/ul 93  |
| 53) 4-Nitrophenol              | 14.31 | 109 | 532131  | 169.443 | ng/ul 96  |
| 61) 4-Nitroaniline             | 15.15 | 138 | 655401m | 137.313 | ng/ul     |
| 64) 4,6-Dinitro-2-methylphenol | 15.20 | 198 | 588386  | 181.495 | ng/ul# 96 |
| 68) Atrazine                   | 16.29 | 200 | 829813  | 147.015 | ng/ul 98  |
| 69) Pentachlorophenol          | 16.44 | 266 | 638722  | 197.462 | ng/ul 99  |
| 75) Carbazole                  | 17.20 | 167 | 3897480 | 151.336 | ng/ul 100 |
| 77) Fluoranthene               | 18.85 | 202 | 4652718 | 140.846 | ng/ul 99  |
| 82) 3,3'-Dichlorobenzidine     | 20.93 | 252 | 1437244 | 145.310 | ng/ul 99  |
| 87) Di-n-octyl phthalate       | 21.79 | 149 | 4679778 | 150.405 | ng/ul 100 |

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

