

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\  
 Data File : BN011427.D  
 Acq On : 14 Aug 2020 13:45  
 Operator : CG/JU  
 Sample : SSTD16056  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD16056

Manual Integrations  
 APPROVED

mohammad  
 8/18/2020 1:42:49 PM

Quant Time: Aug 14 15:34:40 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081420MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 14 13:27:12 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.44  | 152  | 165974   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.19 | 136  | 645331   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.07 | 164  | 443473   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.83 | 188  | 860310   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.06 | 240  | 948586   | 20.00 | ng/ul | 0.01     |
| 86) Perylene-d12          | 23.16 | 264  | 1011826  | 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                   | 6.66  | 99  | 2055193 | 155.76 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.81  | 67  | 1004985 | 142.50 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4           | 0.00  | 132 | 0d      | 0.00   | ng/ul |      |
| 13) 4-Methylphenol-d8          | 8.17  | 113 | 1673816 | 153.79 | 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         | 10.35 | 131 | 2076992 | 182.58 | ng/ul | 0.01 |
| 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           | 14.33 | 143 | 1017836 | 158.41 | ng/ul | 0.04 |
| 58) Fluorene-d10               | 0.00  | 176 | 0d      | 0.00   | ng/ul |      |
| 63) 4,6-Dinitro-2-methylphenol | 15.23 | 200 | 1183817 | 225.50 | 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                | 6.61  | 77  | 1101309  | 164.181 | ng/ul 96  |
| 6) Phenol                      | 6.69  | 94  | 2106571  | 145.650 | ng/ul 99  |
| 8) Bis(2-Chloroethyl)ether     | 6.90  | 93  | 1627377  | 152.352 | ng/ul 96  |
| 11) 2-Methylphenol             | 7.90  | 108 | 1647477  | 152.768 | ng/ul 98  |
| 12) 2,2'-oxybis(1-Chloropropan | 7.98  | 45  | 864789   | 121.055 | ng/ul 94  |
| 14) Acetophenone               | 8.27  | 105 | 2658527  | 142.949 | ng/ul 100 |
| 16) 4-Methylphenol             | 8.25  | 108 | 1756975  | 147.646 | ng/ul 98  |
| 30) 4-Chloroaniline            | 10.37 | 127 | 2069050  | 174.130 | ng/ul 99  |
| 32) Caprolactam                | 11.19 | 113 | 497380m  | 164.486 | ng/ul     |
| 38) Hexachlorocyclopentadiene  | 12.22 | 237 | 1739328  | 185.884 | ng/ul 96  |
| 49) 3-Nitroaniline             | 14.01 | 138 | 1055651  | 151.944 | ng/ul 96  |
| 51) 2,4-Dinitrophenol          | 14.22 | 184 | 876531   | 201.870 | ng/ul 98  |
| 53) 4-Nitrophenol              | 14.35 | 109 | 952777   | 154.433 | ng/ul 93  |
| 61) 4-Nitroaniline             | 15.20 | 138 | 1075866  | 131.151 | ng/ul 90  |
| 64) 4,6-Dinitro-2-methylphenol | 15.25 | 198 | 1254131  | 229.367 | ng/ul# 93 |
| 68) Atrazine                   | 16.35 | 200 | 1716901  | 187.265 | ng/ul 99  |
| 69) Pentachlorophenol          | 16.49 | 266 | 1189289  | 191.603 | ng/ul# 76 |
| 75) Carbazole                  | 17.25 | 167 | 7207097  | 159.894 | ng/ul 99  |
| 77) Fluoranthene               | 18.91 | 202 | 9771522  | 166.474 | ng/ul 99  |
| 82) 3,3'-Dichlorobenzidine     | 20.98 | 252 | 2958980  | 148.656 | ng/ul 91  |
| 87) Di-n-octyl phthalate       | 21.86 | 149 | 10530300 | 159.994 | ng/ul 100 |

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

