

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012921\  
 Data File : BN013537.D  
 Acq On : 29 Jan 2021 13:53  
 Operator : CG/JU  
 Sample : SSTD16055  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD16055

Manual Integrations  
 APPROVED

mohammad  
 2/1/2021 11:50:27 AM

Quant Time: Jan 29 14:29:07 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN012921MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 29 12:41:56 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 311161   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 1264454  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.20 | 164  | 725622   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.95 | 188  | 1454693  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.16 | 240  | 1352923  | 20.00 | ng/ul | 0.01     |
| 86) Perylene-d12          | 23.32 | 264  | 1571943  | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |        |       |      |
|--------------------------------|-------|-----|---------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0d      | 0.00   | ng/uL |      |
| 5) Phenol-d5                   | 6.75  | 99  | 3753709 | 141.29 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 2019472 | 121.47 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 0.00  | 132 | 0d      | 0.00   | ng/ul |      |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 2915579 | 135.89 | 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         | 10.46 | 131 | 2529269 | 100.91 | 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           | 14.43 | 143 | 1573615 | 145.79 | ng/ul | 0.03 |
| 58) Fluorene-d10               | 0.00  | 176 | 0d      | 0.00   | ng/ul |      |
| 63) 4,6-Dinitro-2-methylphenol | 15.33 | 200 | 1390864 | 138.94 | 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                | 6.71  | 77  | 1082128  | 82.231  | ng/ul  | 95  |
| 6) Phenol                      | 6.78  | 94  | 3865092  | 146.221 | ng/ul  | 99  |
| 8) Bis(2-Chloroethyl)ether     | 7.00  | 93  | 2946110  | 136.614 | ng/ul  | 98  |
| 11) 2-Methylphenol             | 8.00  | 108 | 2926523  | 145.243 | ng/ul  | 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.09  | 45  | 4062820  | 110.793 | ng/ul  | 98  |
| 14) Acetophenone               | 8.38  | 105 | 4308048  | 135.678 | ng/ul  | 98  |
| 16) 4-Methylphenol             | 8.35  | 108 | 3107248  | 144.887 | ng/ul  | 100 |
| 30) 4-Chloroaniline            | 10.49 | 127 | 2610383  | 108.453 | ng/ul  | 100 |
| 32) Caprolactam                | 11.29 | 113 | 951389m  | 158.834 | ng/ul  |     |
| 38) Hexachlorocyclopentadiene  | 12.36 | 237 | 2007636  | 139.203 | ng/ul  | 98  |
| 49) 3-Nitroaniline             | 14.12 | 138 | 1409543  | 129.666 | ng/ul  | 96  |
| 51) 2,4-Dinitrophenol          | 14.32 | 184 | 1108026  | 156.911 | ng/ul  | 94  |
| 53) 4-Nitrophenol              | 14.45 | 109 | 1117011  | 134.875 | ng/ul  | 95  |
| 61) 4-Nitroaniline             | 15.30 | 138 | 1712903  | 160.717 | ng/ul  | 99  |
| 64) 4,6-Dinitro-2-methylphenol | 15.35 | 198 | 1376751  | 130.840 | ng/ul# | 92  |
| 68) Atrazine                   | 16.44 | 200 | 2273550  | 132.516 | ng/ul  | 99  |
| 69) Pentachlorophenol          | 16.60 | 266 | 1579643  | 136.628 | ng/ul  | 97  |
| 75) Carbazole                  | 17.36 | 167 | 10332477 | 132.594 | ng/ul  | 97  |
| 77) Fluoranthene               | 19.02 | 202 | 12118242 | 123.991 | ng/ul  | 96  |
| 82) 3,3'-Dichlorobenzidine     | 21.07 | 252 | 3530422  | 117.058 | ng/ul  | 100 |
| 87) Di-n-octyl phthalate       | 21.95 | 149 | 13219807 | 100.215 | ng/ul  | 100 |

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| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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