

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041521\  
 Data File : BN014284.D  
 Acq On : 15 Apr 2021 14:05  
 Operator : CG/JU  
 Sample : SSTD16054  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD160054

Manual Integrations  
 APPROVED

mohammad  
 4/16/2021 11:30:52 AM

Quant Time: Apr 15 14:54:09 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-BN041521.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 15 12:48:23 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 142204   | 20.00 | ng/ul | 0.00     |
| 20) Naphthalene-d8        | 10.48 | 136  | 566305   | 20.00 | ng/ul | 0.00     |
| 38) Acenaphthene-d10      | 14.34 | 164  | 328091   | 20.00 | ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 17.09 | 188  | 686679   | 20.00 | ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.28 | 240  | 700935   | 20.00 | ng/ul | 0.00     |
| 88) Perylene-d12          | 23.52 | 264  | 726428   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |        |       |      |
|--------------------------------|-------|-----|---------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0d      | 0.00   | ng/uL |      |
| 4) Pyridine-d5                 | 3.62  | 84  | 1672806 | 168.98 | ng/ul | 0.00 |
| 7) Phenol-d5                   | 6.88  | 99  | 2004882 | 166.41 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)ether-d  | 7.05  | 67  | 1122526 | 148.76 | ng/ul | 0.01 |
| 11) 2-Chlorophenol-d4          | 0.00  | 132 | 0d      | 0.00   | ng/ul |      |
| 15) 4-Methylphenol-d8          | 8.42  | 113 | 1513708 | 163.73 | ng/ul | 0.02 |
| 21) Nitrobenzene-d5            | 0.00  | 128 | 0d      | 0.00   | ng/ul |      |
| 24) 2-Nitrophenol-d4           | 0.00  | 143 | 0d      | 0.00   | ng/ul |      |
| 28) 2,4-Dichlorophenol-d3      | 0.00  | 165 | 0d      | 0.00   | ng/ul |      |
| 31) 4-Chloroaniline-d4         | 10.62 | 131 | 2131702 | 172.55 | ng/ul | 0.01 |
| 46) Dimethylphthalate-d6       | 0.00  | 166 | 0d      | 0.00   | ng/ul |      |
| 49) Acenaphthylene-d8          | 0.00  | 160 | 0d      | 0.00   | ng/ul |      |
| 54) 4-Nitrophenol-d4           | 14.56 | 143 | 826081  | 187.19 | ng/ul | 0.03 |
| 60) Fluorene-d10               | 0.00  | 176 | 0d      | 0.00   | ng/ul |      |
| 65) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 731091  | 212.99 | ng/ul | 0.02 |
| 73) Anthracene-d10             | 0.00  | 188 | 0d      | 0.00   | ng/ul |      |
| 81) Pyrene-d10                 | 0.00  | 212 | 0d      | 0.00   | ng/ul |      |
| 92) Benzo(a)pyrene-d12         | 0.00  | 264 | 0d      | 0.00   | ng/ul |      |

## Target Compounds

|                                |       |     |         |         | Ovalue |     |
|--------------------------------|-------|-----|---------|---------|--------|-----|
| 5) Pyridine                    | 3.64  | 79  | 1676771 | 164.554 | ng/ul  | 93  |
| 6) Benzaldehyde                | 6.85  | 77  | 513190  | 85.951  | ng/ul  | 99  |
| 8) Phenol                      | 6.91  | 94  | 2105210 | 160.687 | ng/ul  | 97  |
| 10) Bis(2-Chloroethyl)ether    | 7.14  | 93  | 1603810 | 156.061 | ng/ul  | 98  |
| 13) 2-Methylphenol             | 8.14  | 108 | 1560609 | 164.897 | ng/ul  | 99  |
| 14) 2,2'-oxybis(1-Chloropropan | 8.23  | 45  | 1718741 | 111.315 | ng/ul  | 98  |
| 16) Acetophenone               | 8.53  | 105 | 2393501 | 155.973 | ng/ul  | 98  |
| 18) 4-Methylphenol             | 8.49  | 108 | 1654784 | 159.776 | ng/ul  | 98  |
| 32) 4-Chloroaniline            | 10.65 | 127 | 2158408 | 168.693 | ng/ul  | 97  |
| 34) Caprolactam                | 11.45 | 113 | 478909m | 189.064 | ng/ul  |     |
| 40) Hexachlorocyclopentadiene  | 12.50 | 237 | 1181370 | 189.152 | ng/ul  | 99  |
| 51) 3-Nitroaniline             | 14.25 | 138 | 908522  | 179.872 | ng/ul  | 94  |
| 53) 2,4-Dinitrophenol          | 14.46 | 184 | 542140  | 231.457 | ng/ul  | 92  |
| 55) 4-Nitrophenol              | 14.57 | 109 | 658352  | 183.268 | ng/ul  | 95  |
| 63) 4-Nitroaniline             | 15.43 | 138 | 751983  | 150.352 | ng/ul  | 99  |
| 66) 4,6-Dinitro-2-methylphenol | 15.48 | 198 | 742956  | 205.055 | ng/ul# | 93  |
| 70) Atrazine                   | 16.57 | 200 | 1293238 | 182.828 | ng/ul  | 97  |
| 71) Pentachlorophenol          | 16.74 | 266 | 948636  | 217.336 | ng/ul  | 92  |
| 77) Carbazole                  | 17.49 | 167 | 5740204 | 161.582 | ng/ul  | 97  |
| 84) 3,3'-Dichlorobenzidine     | 21.20 | 252 | 1719518 | 139.365 | ng/ul  | 98  |
| 89) Di-n-octyl phthalate       | 22.09 | 149 | 8008615 | 175.207 | ng/ul  | 100 |

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

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