

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091621\  
 Data File : VN068503.D  
 Acq On : 16 Sep 2021 18:45  
 Operator : JC/MD  
 Sample : M3759-11DL 4X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 31208DL

Manual Integrations  
 APPROVED

MMDadoda  
 9/17/2021 2:32:59 PM

Quant Time: Sep 17 02:02:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090721W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 10 04:04:05 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 8.088          | 168  | 721670     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.968          | 114  | 948550     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.746         | 117  | 805049     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678         | 152  | 334896     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.440          | 65   | 289399     | 43.717   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 87.440%  |        |          |
| 35) Dibromofluoromethane    | 8.024          | 113  | 287005     | 50.167   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 100.340% |        |          |
| 50) Toluene-d8              | 10.443         | 98   | 1060264    | 51.020   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 102.040% |        |          |
| 62) 4-Bromofluorobenzene    | 12.733         | 95   | 308575     | 46.404   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 92.800%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          | Qvalue |          |
| 16) Acetone                 | 4.288          | 43   | 324147     | 147.970  | ug/l # | 1        |
| 25) 2-Butanone              | 7.348          | 43   | 14236      | 4.425    | ug/l   | 89       |
| 40) Benzene                 | 8.458          | 78   | 13197      | 0.564    | ug/l   | 97       |
| 52) Toluene                 | 10.507         | 92   | 820994     | 52.860   | ug/l   | 100      |
| 67) Ethyl Benzene           | 11.846         | 91   | 82079      | 3.032    | ug/l   | 96       |
| 68) m/p-Xylenes             | 11.953         | 106  | 146259     | 13.419   | ug/l   | 98       |
| 69) o-Xylene                | 12.283         | 106  | 51183      | 4.820    | ug/l   | 97       |
| 73) Isopropylbenzene        | 12.578         | 105  | 8688       | 0.365    | ug/l   | 98       |
| 78) n-propylbenzene         | 12.921         | 91   | 21101      | 0.839    | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene  | 13.061         | 105  | 28643      | 1.480    | ug/l   | 100      |
| 82) 4-Chlorotoluene         | 13.104         | 91   | 6243       | 0.417    | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene  | 13.372         | 105  | 53013      | 2.856    | ug/l   | 97       |
| 85) sec-Butylbenzene        | 13.503         | 105  | 7331       | 0.315    | ug/l   | 97       |
| 86) p-Isopropyltoluene      | 13.619         | 119  | 8182       | 0.416    | ug/l   | 93       |
| 87) 1,3-Dichlorobenzene     | 13.619         | 146  | 5962       | 0.521    | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene     | 13.696         | 146  | 7398m      | 0.657    | ug/l   |          |
| 89) n-Butylbenzene          | 13.943         | 91   | 13628      | 0.951    | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene     | 13.994         | 146  | 6609       | 0.599    | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene  | 15.265         | 180  | 10819      | 2.148    | ug/l   | 96       |
| 95) Naphthalene             | 15.512         | 128  | 42450      | 6.474    | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene  | 15.702         | 180  | 12112      | 2.519    | ug/l   | 94       |
| -----                       |                |      |            |          |        |          |

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

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