

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\  
 Data File : VN061604.D  
 Acq On : 1 Jun 2020 18:53  
 Operator : JC/MD  
 Sample : L2822-02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 C0AP7

Quant Time: Jun 02 05:08:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 02:14:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 301799   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 543084   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 586787   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 334341   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 182851   | 50.85 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.70% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 142251   | 51.63 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.26% |      |
| 50) Toluene-d8            | 10.06  | 98  | 679216   | 53.20 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.40% |      |
| 62) 4-Bromofluorobenzene  | 12.37  | 95  | 316164   | 67.88 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 135.76% |      |

## Target Compounds

|                            |       |     |         |         |        | Qvalue |
|----------------------------|-------|-----|---------|---------|--------|--------|
| 16) Acetone                | 3.77  | 43  | 282454  | 285.915 | ug/l   | 99     |
| 18) Methyl Acetate         | 4.27  | 43  | 229247  | 70.427  | ug/l   | 100    |
| 20) Methylene Chloride     | 4.50  | 84  | 219243  | 67.699  | ug/l   | 96     |
| 25) 2-Butanone             | 6.78  | 43  | 669753  | 393.018 | ug/l   | 98     |
| 29) Tetrahydrofuran        | 7.17  | 42  | 210135  | 186.998 | ug/l   | 99     |
| 40) Benzene                | 8.00  | 78  | 936154  | 63.109  | ug/l   | 100    |
| 43) Isopropyl Acetate      | 8.13  | 43  | 53525   | 7.683   | ug/l # | 90     |
| 51) 4-Methyl-2-Pentanone   | 9.95  | 43  | 132644  | 33.787  | ug/l   | 100    |
| 52) Toluene                | 10.12 | 92  | 2817272 | 290.982 | ug/l   | 89     |
| 59) 2-Hexanone             | 10.72 | 43  | 781241  | 277.087 | ug/l   | 90     |
| 67) Ethyl Benzene          | 11.48 | 91  | 1016524 | 48.219  | ug/l   | 99     |
| 68) m/p-Xylenes            | 11.59 | 106 | 985925  | 117.949 | ug/l   | 99     |
| 69) o-Xylene               | 11.92 | 106 | 634040  | 79.861  | ug/l   | 100    |
| 70) Styrene                | 11.94 | 104 | 143672  | 10.928  | ug/l # | 37     |
| 73) Isopropylbenzene       | 12.22 | 105 | 41500   | 1.701   | ug/l   | 99     |
| 78) n-propylbenzene        | 12.56 | 91  | 133875  | 4.914   | ug/l   | 98     |
| 80) 1,3,5-Trimethylbenzene | 12.71 | 105 | 138116  | 6.772   | ug/l   | 98     |
| 84) 1,2,4-Trimethylbenzene | 13.01 | 105 | 532965  | 26.304  | ug/l   | 99     |
| 89) n-Butylbenzene         | 13.59 | 91  | 27254   | 1.522   | ug/l # | 77     |
| 95) Naphthalene            | 15.10 | 128 | 1005144 | 53.567  | ug/l   | 99     |

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

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