

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112520\  
 Data File : VN064857.D  
 Acq On : 25 Nov 2020 15:30  
 Operator : JC/MD  
 Sample : L4895-01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 COMP-56-67

Manual Integrations  
 APPROVED

SAM  
 11/27/2020 1:37:53 PM

Quant Time: Nov 26 04:39:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 23 13:54:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.78  | 168  | 190846   | 50.00 | ug/l  | 0.16     |
| 34) 1,4-Difluorobenzene    | 8.66  | 114  | 329286   | 50.00 | ug/l  | 0.11     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 305199   | 50.00 | ug/l  | 0.02     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 175647   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 8.13   | 65    | 105666   | 47.62    | ug/l | 0.14    |
| Spiked Amount             | 50.000 | Range | 61 - 141 | Recovery | =    | 95.24%  |
| 35) Dibromofluoromethane  | 7.72   | 113   | 90583    | 45.97    | ug/l | 0.17    |
| Spiked Amount             | 50.000 | Range | 69 - 133 | Recovery | =    | 91.94%  |
| 50) Toluene-d8            | 10.11  | 98    | 384123   | 47.71    | ug/l | 0.05    |
| Spiked Amount             | 50.000 | Range | 65 - 126 | Recovery | =    | 95.42%  |
| 62) 4-Bromofluorobenzene  | 12.39  | 95    | 162100   | 56.26    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 58 - 135 | Recovery | =    | 112.52% |

## Target Compounds

|                            |       |     |          |          | Qvalue |
|----------------------------|-------|-----|----------|----------|--------|
| 16) Acetone                | 4.06  | 43  | 2226219m | 3052.322 | ug/l   |
| 25) 2-Butanone             | 6.99  | 43  | 26082    | 22.060   | ug/l   |
| 39) Methylcyclohexane      | 9.13  | 83  | 4030     | 1.227    | ug/l # |
| 51) 4-Methyl-2-Pentanone   | 10.01 | 43  | 15885    | 5.593    | ug/l   |
| 52) Toluene                | 10.17 | 92  | 1018658  | 176.855  | ug/l   |
| 67) Ethyl Benzene          | 11.50 | 91  | 19484    | 1.780    | ug/l   |
| 68) m/p-Xylenes            | 11.61 | 106 | 18020    | 4.347    | ug/l   |
| 69) o-Xylene               | 11.94 | 106 | 13933    | 3.542    | ug/l   |
| 73) Isopropylbenzene       | 12.23 | 105 | 6503     | 0.532    | ug/l   |
| 78) n-propylbenzene        | 12.58 | 91  | 19064    | 1.370    | ug/l   |
| 80) 1,3,5-Trimethylbenzene | 12.71 | 105 | 20392    | 2.008    | ug/l   |
| 84) 1,2,4-Trimethylbenzene | 13.02 | 105 | 86338    | 8.409    | ug/l   |
| 85) sec-Butylbenzene       | 13.15 | 105 | 14320    | 1.267    | ug/l   |
| 86) p-Isopropyltoluene     | 13.27 | 119 | 34563    | 3.359    | ug/l   |
| 89) n-Butylbenzene         | 13.59 | 91  | 31524m   | 3.489    | ug/l   |
| 95) Naphthalene            | 15.10 | 128 | 476283   | 44.726   | ug/l   |

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

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