

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\  
 Data File : VN059314.D  
 Acq On : 19 Nov 2019 18:42  
 Operator : JC/SP  
 Sample : K5900-10 5X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 30699

Quant Time: Nov 20 03:48:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110619W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 07 04:00:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 455628   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 714445   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 631778   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 292914   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.01   | 65  | 262417   | 46.85 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.70%  |      |
| 35) Dibromofluoromethane  | 7.57   | 113 | 210268   | 49.29 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.58%  |      |
| 50) Toluene-d8            | 10.08  | 98  | 871214   | 51.85 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.70% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 312243   | 51.54 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.08% |      |

## Target Compounds

|                             |       |     |         |         |      | Qvalue |
|-----------------------------|-------|-----|---------|---------|------|--------|
| 8) Diethyl Ether            | 3.39  | 74  | 2980    | 1.013   | ug/l | 74     |
| 11) Tert butyl alcohol      | 4.75  | 59  | 373794  | 350.191 | ug/l | 95     |
| 16) Acetone                 | 3.79  | 43  | 884217  | 303.589 | ug/l | 99     |
| 18) Methyl Acetate          | 4.30  | 43  | 126914  | 18.358  | ug/l | 99     |
| 19) Methyl tert-butyl Ether | 5.01  | 73  | 340569  | 23.274  | ug/l | 99     |
| 25) 2-Butanone              | 6.81  | 43  | 467230  | 121.720 | ug/l | 100    |
| 29) Tetrahydrofuran         | 7.19  | 42  | 24457   | 10.027  | ug/l | 96     |
| 40) Benzene                 | 8.02  | 78  | 1281799 | 63.740  | ug/l | 99     |
| 51) 4-Methyl-2-Pentanone    | 9.98  | 43  | 182355  | 27.211  | ug/l | 97     |
| 52) Toluene                 | 10.15 | 92  | 720858  | 59.806  | ug/l | 98     |
| 67) Ethyl Benzene           | 11.51 | 91  | 679880  | 31.114  | ug/l | 100    |
| 68) m/p-Xylenes             | 11.62 | 106 | 1267527 | 154.857 | ug/l | 96     |
| 69) o-Xylene                | 11.95 | 106 | 595459  | 75.278  | ug/l | 99     |
| 80) 1,3,5-Trimethylbenzene  | 12.73 | 105 | 50413   | 2.792   | ug/l | 100    |
| 84) 1,2,4-Trimethylbenzene  | 13.04 | 105 | 199120  | 11.400  | ug/l | 94     |
| 95) Naphthalene             | 15.13 | 128 | 147950  | 12.198  | ug/l | 98     |

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

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