

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\  
 Data File : VX004571.D  
 Acq On : 15 Sep 2018 08:29  
 Operator : JC/MD  
 Sample : J4925-15  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S13-0253

Quant Time: Sep 17 01:20:14 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X091118W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 12 02:17:23 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 284371   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 398139   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 366270   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 236238   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 183077   | 49.93 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.86% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 166514   | 45.70 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.40% |          |
| 50) Toluene-d8              | 8.72  | 98   | 547431   | 44.81 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.62% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 201231   | 46.14 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.28% |          |

| Target Compounds            | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|-----------------------------|-------|------|----------|-------|--------|--------|
| 3) Chloromethane            | 1.32  | 50   | 1479     | 0.40  | ug/l   | 95     |
| 16) Acetone                 | 2.45  | 43   | 4095     | 2.29  | ug/l   | 91     |
| 19) Methyl tert-butyl Ether | 3.20  | 73   | 21003    | 2.01  | ug/l   | 96     |
| 25) 2-Butanone              | 4.70  | 43   | 1620     | 0.57  | ug/l   | 96     |
| 31) Cyclohexane             | 5.58  | 56   | 4906     | 0.92  | ug/l   | 92     |
| 39) Methylcyclohexane       | 7.46  | 83   | 19031    | 3.77  | ug/l   | 95     |
| 40) Benzene                 | 6.14  | 78   | 153439   | 10.70 | ug/l   | 100    |
| 51) 4-Methyl-2-Pentanone    | 8.66  | 43   | 1644     | 0.32  | ug/l # | 71     |
| 52) Toluene                 | 8.79  | 92   | 2101     | 0.25  | ug/l   | 98     |
| 67) Ethyl Benzene           | 10.26 | 91   | 22722    | 1.54  | ug/l   | 100    |
| 68) m/p-Xylenes             | 10.36 | 106  | 32679    | 5.73  | ug/l   | 97     |
| 69) o-Xylene                | 10.70 | 106  | 7823     | 1.43  | ug/l   | 94     |
| 73) Isopropylbenzene        | 11.02 | 105  | 24173    | 1.55  | ug/l   | 99     |
| 78) n-propylbenzene         | 11.36 | 91   | 39031    | 2.18  | ug/l   | 98     |
| 80) 1,3,5-Trimethylbenzene  | 11.51 | 105  | 132992   | 10.17 | ug/l   | 100    |
| 83) tert-Butylbenzene       | 11.77 | 119  | 13032    | 1.05  | ug/l   | 88     |
| 84) 1,2,4-Trimethylbenzene  | 11.81 | 105  | 702536   | 52.61 | ug/l   | 99     |
| 85) sec-Butylbenzene        | 11.94 | 105  | 36574    | 2.30  | ug/l   | 96     |
| 86) p-Isopropyltoluene      | 12.07 | 119  | 44150    | 3.15  | ug/l   | 98     |
| 95) Naphthalene             | 13.83 | 128  | 269298   | 16.70 | ug/l   | 98     |

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

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