

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\  
 Data File : VX002543.D  
 Acq On : 14 Jun 2018 07:34  
 Operator : JC/MD  
 Sample : J3413-09  
 Misc : 7.27g/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 P-9R

Quant Time: Jun 14 08:18:05 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 05 03:22:35 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 294207   | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 421938   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 405905   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 271381   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 193237   | 45.63 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.26% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 142316   | 42.89 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 85.78% |          |
| 50) Toluene-d8              | 8.72  | 98   | 601406   | 47.29 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.58% |          |
| 62) 4-Bromofluorobenzene    | 11.15 | 95   | 244167   | 49.79 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.58% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 31) Cyclohexane            | 5.57  | 56   | 63463    | 11.947  | ug/l # | 89     |
| 39) Methylcyclohexane      | 7.46  | 83   | 117562   | 21.602  | ug/l   | 95     |
| 40) Benzene                | 6.14  | 78   | 34726    | 2.553   | ug/l   | 98     |
| 52) Toluene                | 8.79  | 92   | 11322    | 1.309   | ug/l   | 93     |
| 67) Ethyl Benzene          | 10.26 | 91   | 500096   | 29.587  | ug/l   | 98     |
| 68) m/p-Xylenes            | 10.37 | 106  | 229241   | 34.890  | ug/l   | 100    |
| 69) o-Xylene               | 10.71 | 106  | 37211    | 5.691   | ug/l   | 99     |
| 73) Isopropylbenzene       | 11.02 | 105  | 135022   | 7.152   | ug/l   | 100    |
| 78) n-propylbenzene        | 11.37 | 91   | 552110   | 26.312  | ug/l   | 100    |
| 80) 1,3,5-Trimethylbenzene | 11.51 | 105  | 1126694  | 69.581  | ug/l   | 100    |
| 84) 1,2,4-Trimethylbenzene | 11.81 | 105  | 3932176  | 235.906 | ug/l   | 98     |
| 85) sec-Butylbenzene       | 11.95 | 105  | 228990   | 12.388  | ug/l   | 78     |
| 86) p-Isopropyltoluene     | 12.07 | 119  | 174563   | 10.367  | ug/l   | 99     |
| 95) Naphthalene            | 13.84 | 128  | 1911252  | 96.756  | ug/l   | 97     |

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

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