

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\  
 Data File : VU025916.D  
 Acq On : 07 Aug 2018 03:51  
 Operator : MD/SY  
 Sample : J4344-02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 FL-0562

Manual Integrations  
 APPROVED

MMDadoda  
 8/7/2018 1:51:49 PM

Quant Time: Aug 07 05:18:33 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U072718W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 00:49:55 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.99  | 168  | 202437   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 327119   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 322817   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 205271   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response   | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|------------|---------|-------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 158138     | 50.14   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 100.28% |       |          |
| 35) Dibromofluoromethane    | 4.89  | 113  | 133543     | 46.94   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 93.88%  |       |          |
| 50) Toluene-d8              | 7.57  | 98   | 482334     | 48.45   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 96.90%  |       |          |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 189957     | 49.16   | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery = | 98.32%  |       |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 31) Cyclohexane            | 5.00  | 56   | 61614    | 14.37  | ug/l  | 99     |
| 39) Methylcyclohexane      | 6.42  | 83   | 28099    | 6.41   | ug/l  | 99     |
| 67) Ethyl Benzene          | 9.25  | 91   | 798524   | 57.92  | ug/l  | 99     |
| 68) m/p-Xylenes            | 9.38  | 106  | 778283   | 147.04 | ug/l  | 99     |
| 73) Isopropylbenzene       | 10.17 | 105  | 127659   | 9.11   | ug/l  | 100    |
| 78) n-propylbenzene        | 10.59 | 91   | 162399   | 9.93   | ug/l  | 99     |
| 80) 1,3,5-Trimethylbenzene | 10.78 | 105  | 253805   | 21.33  | ug/l  | 98     |
| 84) 1,2,4-Trimethylbenzene | 11.15 | 105  | 752190   | 62.38  | ug/l  | 98     |
| 95) Naphthalene            | 13.75 | 128  | 383431   | 25.78  | ug/l  | 99     |

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

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