

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\  
 Data File : VU024541.D  
 Acq On : 14 Jun 2018 15:43  
 Operator : MD/SY  
 Sample : J3456-01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ES-OILY-WATER

Quant Time: Jun 15 08:50:13 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U061318W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 13 13:55:26 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.99  | 168  | 178605   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 301866   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 289536   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.49 | 152  | 173414   | 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   | 136604   | 46.85 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.70% |          |
| 35) Dibromofluoromethane    | 4.89  | 113  | 121533   | 48.51 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.02% |          |
| 50) Toluene-d8              | 7.57  | 98   | 451344   | 49.39 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.78% |          |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 171893   | 47.38 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.76% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 11) Tert butyl alcohol     | 2.83  | 59   | 7243     | 10.214 | ug/l # | 84     |
| 16) Acetone                | 2.32  | 43   | 111395   | 71.105 | ug/l   | 100    |
| 25) 2-Butanone             | 4.27  | 43   | 21164    | 10.057 | ug/l # | 87     |
| 40) Benzene                | 5.40  | 78   | 10438    | 1.033  | ug/l   | 97     |
| 52) Toluene                | 7.64  | 92   | 82245    | 12.648 | ug/l   | 98     |
| 67) Ethyl Benzene          | 9.26  | 91   | 25174    | 1.941  | ug/l   | 100    |
| 68) m/p-Xylenes            | 9.38  | 106  | 37416    | 7.514  | ug/l   | 98     |
| 69) o-Xylene               | 9.78  | 106  | 19167    | 3.890  | ug/l   | 100    |
| 73) Isopropylbenzene       | 10.17 | 105  | 2927     | 0.220  | ug/l   | 89     |
| 78) n-propylbenzene        | 10.59 | 91   | 10966    | 0.699  | ug/l   | 98     |
| 80) 1,3,5-Trimethylbenzene | 10.78 | 105  | 7224     | 0.626  | ug/l   | 92     |
| 84) 1,2,4-Trimethylbenzene | 11.15 | 105  | 25406    | 2.160  | ug/l   | 100    |

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

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