

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\  
 Data File : VU027210.D  
 Acq On : 27 Sep 2018 04:40  
 Operator : MD/SY  
 Sample : J5048-16  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-150-SEP18

Quant Time: Sep 27 08:17:02 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U092218W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 22 01:31:57 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.99  | 168  | 106870   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 181477   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 172329   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 84023    | 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   | 102550   | 47.68 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.36% |          |
| 35) Dibromofluoromethane    | 4.88  | 113  | 74042    | 47.07 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.14% |          |
| 50) Toluene-d8              | 7.57  | 98   | 281365   | 46.93 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.86% |          |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 96893    | 47.10 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.20% |          |

| Target Compounds              | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|-------|------|----------|---------|--------|--------|
| 4) Vinyl Chloride             | 1.40  | 62   | 381134   | 169.725 | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.29  | 101  | 96926    | 61.807  | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 2.29  | 96   | 36727    | 24.882  | ug/l   | 97     |
| 20) Methylene Chloride        | 2.70  | 84   | 1757     | 0.912   | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 2.98  | 96   | 33456    | 21.230  | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 3.45  | 63   | 579287   | 164.256 | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 4.23  | 96   | 1589709  | 893.236 | ug/l   | 91     |
| 30) Chloroform                | 4.68  | 83   | 14795    | 4.519   | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 4.92  | 97   | 93048    | 35.599  | ug/l   | 99     |
| 44) Trichloroethene           | 6.19  | 130  | 57928m   | 36.956  | ug/l   |        |
| 52) Toluene                   | 7.64  | 92   | 9713     | 2.301   | ug/l   | 98     |
| 64) Tetrachloroethene         | 8.23  | 164  | 5397     | 4.064   | ug/l   | 96     |
| 65) Chlorobenzene             | 9.12  | 112  | 5285     | 1.157   | ug/l   | 99     |
| 67) Ethyl Benzene             | 9.25  | 91   | 4180     | 0.556   | ug/l   | 99     |
| 68) m/p-Xylenes               | 9.38  | 106  | 6359     | 3.559   | ug/l   | 94     |
| 69) o-Xylene                  | 9.78  | 106  | 14706    | 5.524   | ug/l   | 97     |
| 73) Isopropylbenzene          | 10.17 | 105  | 2997     | 0.469   | ug/l   | 95     |
| 78) n-propylbenzene           | 10.59 | 91   | 2310     | 0.305   | ug/l   | 88     |
| 84) 1,2,4-Trimethylbenzene    | 11.15 | 105  | 1748     | 0.326   | ug/l   | 98     |
| 85) sec-Butylbenzene          | 11.32 | 105  | 1732     | 0.272   | ug/l # | 78     |
| 86) p-Isopropyltoluene        | 11.69 | 119  | 827      | 1.063   | ug/l   | 87     |
| 87) 1,3-Dichlorobenzene       | 11.42 | 146  | 3485     | 1.199   | ug/l   | 98     |
| 88) 1,4-Dichlorobenzene       | 11.51 | 146  | 31742    | 10.020  | ug/l   | 97     |
| 91) 1,2-Dichlorobenzene       | 11.88 | 146  | 252281   | 81.713  | ug/l   | 99     |
| 95) Naphthalene               | 13.74 | 128  | 367738   | 52.767  | ug/l   | 99     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092618\  
Data File : VU027210.D  
Acq On : 27 Sep 2018 04:40  
Operator : MD/SY  
Sample : J5048-16  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-150-SEP18

Quant Time: Sep 27 08:17:02 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\82U092218W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 22 01:31:57 2018  
Response via : Initial Calibration

