

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\  
 Data File : VU025899.D  
 Acq On : 06 Aug 2018 20:25  
 Operator : MD/SY  
 Sample : J4263-04  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 FL-0523

Manual Integrations  
 APPROVED

MMDadoda  
 8/7/2018 1:51:40 PM

Quant Time: Aug 07 09:00:37 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  | 177638   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.89  | 114  | 287113   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.09  | 117  | 286510   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.49 | 152  | 180055   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 144071   | 52.05 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 104.10% |          |
| 35) Dibromofluoromethane    | 4.89  | 113  | 120924   | 48.42 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.84%  |          |
| 50) Toluene-d8              | 7.57  | 98   | 425957   | 48.75 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.50%  |          |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 168605   | 49.71 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.42%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 31) Cyclohexane             | 5.00  | 56   | 54355    | 14.45 | ug/l    | 95       |
| 39) Methylcyclohexane       | 6.42  | 83   | 33014    | 8.59  | ug/l    | 95       |
| 40) Benzene                 | 5.40  | 78   | 9643     | 0.98  | ug/l    | 96       |
| 67) Ethyl Benzene           | 9.25  | 91   | 484938   | 39.63 | ug/l    | 99       |
| 68) m/p-Xylenes             | 9.38  | 106  | 110582   | 23.54 | ug/l    | 99       |
| 69) o-Xylene                | 9.78  | 106  | 1977     | 0.43  | ug/l    | 79       |
| 73) Isopropylbenzene        | 10.17 | 105  | 122284   | 9.95  | ug/l    | 100      |
| 78) n-propylbenzene         | 10.59 | 91   | 208059   | 14.51 | ug/l    | 100      |
| 84) 1,2,4-Trimethylbenzene  | 11.15 | 105  | 317864   | 30.05 | ug/l    | 98       |
| 85) sec-Butylbenzene        | 11.33 | 105  | 36801    | 2.91  | ug/l    | 99       |
| 89) n-Butylbenzene          | 11.89 | 91   | 8537m    | 0.82  | ug/l    |          |
| 95) Naphthalene             | 13.75 | 128  | 101243   | 8.63  | ug/l    | 99       |

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

