

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\  
 Data File : VU025706.D  
 Acq On : 28 Jul 2018 06:32  
 Operator : MD/SY  
 Sample : J4208-03  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 FL-0513

Manual Integrations  
 APPROVED

MMDadoda  
 7/31/2018 3:50:25 PM

Quant Time: Jul 30 09:13:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U072718W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 27 13:11:52 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 4.99  | 168  | 181108   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.89  | 114  | 279355   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 9.09  | 117  | 280325   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.49 | 152  | 182641   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 137811   | 48.84  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.68% |          |
| 35) Dibromofluoromethane    | 4.89  | 113  | 116819   | 48.08  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 96.16% |          |
| 50) Toluene-d8              | 7.57  | 98   | 424375   | 49.91  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.82% |          |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 164728   | 49.92  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 99.84% |          |
| Target Compounds            |       |      |          |        |        |          |
|                             |       |      |          |        |        | Qvalue   |
| 31) Cyclohexane             | 5.00  | 56   | 52196    | 13.53  | ug/l   | 97       |
| 39) Methylcyclohexane       | 6.42  | 83   | 75235    | 20.11  | ug/l   | 95       |
| 67) Ethyl Benzene           | 9.25  | 91   | 691486   | 57.76  | ug/l   | 100      |
| 68) m/p-Xylenes             | 9.38  | 106  | 695882   | 151.40 | ug/l   | 99       |
| 69) o-Xylene                | 9.78  | 106  | 5325     | 1.19   | ug/l   | 93       |
| 73) Isopropylbenzene        | 10.17 | 105  | 133016   | 10.67  | ug/l   | 100      |
| 78) n-propylbenzene         | 10.59 | 91   | 187496   | 12.89  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 10.78 | 105  | 536805   | 50.71  | ug/l   | 98       |
| 83) tert-Butylbenzene       | 11.10 | 119  | 5956     | 0.57   | ug/l   | 90       |
| 84) 1,2,4-Trimethylbenzene  | 11.15 | 105  | 1141309  | 106.38 | ug/l   | 98       |
| 85) sec-Butylbenzene        | 11.33 | 105  | 23370m   | 1.82   | ug/l   |          |
| 95) Naphthalene             | 13.74 | 128  | 455271   | 33.98  | ug/l   | 98       |

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

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