

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\  
 Data File : VU027406.D  
 Acq On : 04 Oct 2018 14:19  
 Operator : MD/SY  
 Sample : J5084-04DL 100X  
 Misc : 4.21g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 B-7(6-6.5)DL

Manual Integrations  
 APPROVED

MMDadoda  
 10/8/2018 1:52:32 PM

Quant Time: Oct 05 04:33:31 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 02 02:04:34 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 4.99  | 168  | 99204    | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.89  | 114  | 174377   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.09  | 117  | 170201   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.48 | 152  | 96286    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 100143   | 60.45  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 120.90% |          |
| 35) Dibromofluoromethane    | 4.89  | 113  | 70862    | 59.30  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 118.60% |          |
| 50) Toluene-d8              | 7.57  | 98   | 274810   | 61.44  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 122.88% |          |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 103182   | 62.07  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 124.14% |          |
| Target Compounds            |       |      |          |        |         |          |
|                             |       |      |          |        | Qvalue  |          |
| 39) Methylcyclohexane       | 6.42  | 83   | 2085     | 0.942  | ug/l    | 92       |
| 52) Toluene                 | 7.64  | 92   | 21368    | 6.546  | ug/l    | 99       |
| 67) Ethyl Benzene           | 9.25  | 91   | 45396    | 7.152  | ug/l    | 100      |
| 68) m/p-Xylenes             | 9.38  | 106  | 93016    | 40.063 | ug/l    | 100      |
| 69) o-Xylene                | 9.78  | 106  | 38646    | 17.516 | ug/l    | 97       |
| 73) Isopropylbenzene        | 10.17 | 105  | 8976     | 1.284  | ug/l    | 95       |
| 78) n-propylbenzene         | 10.59 | 91   | 42419    | 5.048  | ug/l    | 100      |
| 80) 1,3,5-Trimethylbenzene  | 10.77 | 105  | 80341    | 14.111 | ug/l    | 96       |
| 84) 1,2,4-Trimethylbenzene  | 11.15 | 105  | 276521   | 47.546 | ug/l    | 99       |
| 85) sec-Butylbenzene        | 11.32 | 105  | 7151m    | 1.031  | ug/l    |          |
| 86) p-Isopropyltoluene      | 11.48 | 119  | 3954m    | 0.666  | ug/l    |          |
| 95) Naphthalene             | 13.74 | 128  | 48272    | 8.071  | ug/l    | 98       |

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

