

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\  
 Data File : VU027404.D  
 Acq On : 04 Oct 2018 13:32  
 Operator : MD/SY  
 Sample : J5084-03 10X  
 Misc : 5.82g/5mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 B-9(11.5-12)

Manual Integrations  
 APPROVED

MMDadoda  
 10/8/2018 1:52:31 PM

Quant Time: Oct 05 04:14:55 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       | 4.98   | 168  | 103567   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 5.89   | 114  | 178319   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 9.09   | 117  | 174264   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 11.48  | 152  | 98510    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 5.31   | 65   | 101349   | 58.60  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 117.20% |          |
| 35) Dibromofluoromethane    | 4.88   | 113  | 70926    | 58.04  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 116.08% |          |
| 50) Toluene-d8              | 7.57   | 98   | 278465   | 60.88  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 121.76% |          |
| 62) 4-Bromofluorobenzene    | 10.31  | 95   | 104329   | 61.38  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 122.76% |          |
| Target Compounds            |        |      |          |        |         |          |
|                             |        |      |          |        | Qvalue  |          |
| 39) Methylcyclohexane       | 6.42   | 83   | 14534    | 6.422  | ug/l    | 99       |
| 52) Toluene                 | 7.64   | 92   | 6644     | 1.990  | ug/l    | 93       |
| 67) Ethyl Benzene           | 9.25   | 91   | 67311    | 10.357 | ug/l    | 99       |
| 68) m/p-Xylenes             | 9.38   | 106  | 45308    | 19.059 | ug/l    | 97       |
| 69) o-Xylene                | 9.78   | 106  | 8615     | 3.814  | ug/l    | 93       |
| 73) Isopropylbenzene        | 10.17  | 105  | 10237    | 1.431  | ug/l    | 100      |
| 78) n-propylbenzene         | 10.59  | 91   | 52324    | 6.086  | ug/l    | 99       |
| 80) 1,3,5-Trimethylbenzene  | 10.77  | 105  | 37519    | 6.441  | ug/l    | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.15  | 105  | 157192   | 26.418 | ug/l    | 100      |
| 85) sec-Butylbenzene        | 11.32  | 105  | 5872     | 0.828  | ug/l    | 92       |
| 86) p-Isopropyltoluene      | 11.48  | 119  | 2668m    | 0.439  | ug/l    |          |
| 89) n-Butylbenzene          | 11.89  | 91   | 18585    | 4.720  | ug/l #  | 45       |
| 95) Naphthalene             | 13.75  | 128  | 26419    | 5.089  | ug/l    | 99       |

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

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