

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\  
 Data File : VN051711.D  
 Acq On : 6 Oct 2018 1:42  
 Operator : MD\SY  
 Sample : J5084-05DL 400X  
 Misc : 5.61g/5.00mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 41 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 B-7(8-8.5)DL

Manual Integrations  
 APPROVED

MMDadoda  
 10/8/2018 12:50:12 PM

Quant Time: Oct 06 03:59:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N100418W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 05 02:22:33 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| 1) Pentafluorobenzene       | 7.67   | 168  | 658860   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59   | 114  | 954637   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.41  | 117  | 848978   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35  | 152  | 366779   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.03   | 65   | 394441   | 45.32  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 90.64% |          |
| 35) Dibromofluoromethane    | 7.59   | 113  | 359995   | 48.78  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 97.56% |          |
| 50) Toluene-d8              | 10.09  | 98   | 1358450  | 49.34  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 98.68% |          |
| 62) 4-Bromofluorobenzene    | 12.40  | 95   | 399598   | 41.00  | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 82.00% |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 39) Methylcyclohexane       | 9.08   | 83   | 32019m   | 2.556  | ug/l   |          |
| 52) Toluene                 | 10.16  | 92   | 198142   | 10.071 | ug/l   | 97       |
| 67) Ethyl Benzene           | 11.51  | 91   | 308760   | 8.496  | ug/l   | 99       |
| 68) m/p-Xylenes             | 11.62  | 106  | 548284   | 37.705 | ug/l   | 99       |
| 69) o-Xylene                | 11.95  | 106  | 218364   | 15.312 | ug/l   | 99       |
| 73) Isopropylbenzene        | 12.25  | 105  | 49859    | 1.595  | ug/l   | 99       |
| 78) n-propylbenzene         | 12.59  | 91   | 185172   | 5.430  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 12.73  | 105  | 290435   | 11.023 | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.04  | 105  | 999778   | 37.882 | ug/l   | 99       |
| 85) sec-Butylbenzene        | 13.17  | 105  | 25385m   | 0.813  | ug/l   |          |
| 86) p-Isopropyltoluene      | 13.29  | 119  | 12643m   | 0.457  | ug/l   |          |
| 89) n-Butylbenzene          | 13.62  | 91   | 32437    | 1.482  | ug/l # | 61       |
| 95) Naphthalene             | 15.13  | 128  | 53334    | 4.191  | ug/l   | 99       |

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

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