

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\  
 Data File : VN051710.D  
 Acq On : 6 Oct 2018 1:17  
 Operator : MD\SY  
 Sample : J5084-02DL 400X  
 Misc : 6.44uL/5.00mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 40 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 B-8(9-9.5)DL

Manual Integrations  
 APPROVED

MMDadoda  
 10/8/2018 12:50:11 PM

Quant Time: Oct 06 03:56:37 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  | 684097   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 998651   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 882171   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 369285   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 411511   | 45.53  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 91.06% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 377519   | 48.90  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.80% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1414616  | 49.11  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.22% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 417495   | 40.95  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 81.90% |          |
| Target Compounds            |       |      |          |        |        |          |
|                             |       |      |          |        | Qvalue |          |
| 39) Methylcyclohexane       | 9.08  | 83   | 42498    | 3.243  | ug/l   | 95       |
| 52) Toluene                 | 10.16 | 92   | 504996   | 24.537 | ug/l   | 98       |
| 67) Ethyl Benzene           | 11.51 | 91   | 419649   | 11.112 | ug/l   | 98       |
| 68) m/p-Xylenes             | 11.62 | 106  | 576036   | 38.123 | ug/l   | 100      |
| 69) o-Xylene                | 11.95 | 106  | 221340   | 14.937 | ug/l   | 98       |
| 73) Isopropylbenzene        | 12.25 | 105  | 50683    | 1.610  | ug/l   | 100      |
| 78) n-propylbenzene         | 12.59 | 91   | 195922   | 5.706  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.73 | 105  | 233567   | 8.804  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.04 | 105  | 792760   | 29.834 | ug/l   | 99       |
| 85) sec-Butylbenzene        | 13.17 | 105  | 21571m   | 0.686  | ug/l   |          |
| 86) p-Isopropyltoluene      | 13.29 | 119  | 10665m   | 0.383  | ug/l   |          |
| 89) n-Butylbenzene          | 13.62 | 91   | 28505    | 1.293  | ug/l # | 62       |
| 95) Naphthalene             | 15.13 | 128  | 44683    | 3.488  | ug/l   | 99       |

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

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