

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN011419\  
 Data File : VN053386.D  
 Acq On : 14 Jan 2019 12:51  
 Operator : JC/SP  
 Sample : K1102-01ME 10X  
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 9 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 CPSB-18(15-20)ME

Manual Integrations  
 APPROVED

MMDadoda  
 1/15/2019 11:14:21 AM

Quant Time: Jan 16 07:47:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N010519W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 07 09:34:27 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.67   | 168  | 954699   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59   | 114  | 1456003  | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.41  | 117  | 1371312  | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35  | 152  | 639927   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.03   | 65   | 461689   | 46.48  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 92.96%  |          |
| 35) Dibromofluoromethane    | 7.59   | 113  | 405571   | 48.93  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 97.86%  |          |
| 50) Toluene-d8              | 10.09  | 98   | 1849013  | 51.71  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 103.42% |          |
| 62) 4-Bromofluorobenzene    | 12.40  | 95   | 660708   | 52.78  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 105.56% |          |
| Target Compounds            |        |      |          |        |         |          |
|                             |        |      |          |        | Qvalue  |          |
| 31) Cyclohexane             | 7.65   | 56   | 151797   | 8.794  | ug/l #  | 94       |
| 39) Methylcyclohexane       | 9.08   | 83   | 1449959  | 92.077 | ug/l    | 99       |
| 52) Toluene                 | 10.16  | 92   | 59181    | 2.323  | ug/l    | 96       |
| 65) Chlorobenzene           | 11.43  | 112  | 66028    | 2.216  | ug/l    | 98       |
| 73) Isopropylbenzene        | 12.25  | 105  | 46988    | 0.986  | ug/l    | 93       |
| 78) n-propylbenzene         | 12.59  | 91   | 101213   | 1.878  | ug/l    | 99       |
| 83) tert-Butylbenzene       | 12.99  | 119  | 8988     | 0.267  | ug/l    | 96       |
| 84) 1,2,4-Trimethylbenzene  | 13.04  | 105  | 13103    | 0.335  | ug/l    | 98       |
| 85) sec-Butylbenzene        | 13.17  | 105  | 124295   | 2.799  | ug/l    | 85       |
| 86) p-Isopropyltoluene      | 13.29  | 119  | 18919m   | 0.492  | ug/l    |          |
| 89) n-Butylbenzene          | 13.61  | 91   | 73156    | 2.270  | ug/l #  | 85       |

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

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