

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\  
 Data File : VN053142.D  
 Acq On : 22 Dec 2018 19:25  
 Operator : MD\SY  
 Sample : J6426-05ME 10X  
 Misc : 5.05µ/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 20 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P001-DS002-01ME

Manual Integrations  
 APPROVED

MMDadoda  
 12/24/2018 12:20:58 PM

Quant Time: Jan 05 06:12:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 18 13:03:37 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 7.67   | 168  | 1250861  | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59   | 114  | 1911611  | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.41  | 117  | 1757124  | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35  | 152  | 805854   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.03   | 65   | 610037   | 48.06   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 96.12%  |          |
| 35) Dibromofluoromethane    | 7.59   | 113  | 510682   | 58.48   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 116.96% |          |
| 50) Toluene-d8              | 10.09  | 98   | 2349492  | 50.12   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 100.24% |          |
| 62) 4-Bromofluorobenzene    | 12.40  | 95   | 838724   | 50.97   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =       | 101.94% |          |
| Target Compounds            |        |      |          |         |         |          |
|                             |        |      |          |         | Qvalue  |          |
| 18) Methyl Acetate          | 4.33   | 43   | 6619     | 1.566   | ug/l #  | 84       |
| 20) Methylene Chloride      | 4.55   | 84   | 8526m    | 0.628   | ug/l    |          |
| 52) Toluene                 | 10.16  | 92   | 16905    | 0.500   | ug/l    | 98       |
| 68) m/p-Xylenes             | 11.62  | 106  | 55927    | 2.196   | ug/l    | 98       |
| 69) o-Xylene                | 11.95  | 106  | 68332    | 2.796   | ug/l    | 99       |
| 73) Isopropylbenzene        | 12.25  | 105  | 143895   | 2.282   | ug/l    | 100      |
| 78) n-propylbenzene         | 12.59  | 91   | 713493   | 9.936   | ug/l    | 100      |
| 80) 1,3,5-Trimethylbenzene  | 12.73  | 105  | 2880097  | 56.042  | ug/l    | 100      |
| 84) 1,2,4-Trimethylbenzene  | 13.04  | 105  | 10593426 | 205.047 | ug/l    | 99       |
| 85) sec-Butylbenzene        | 13.17  | 105  | 121409m  | 1.975   | ug/l    |          |
| 86) p-Isopropyltoluene      | 13.29  | 119  | 84633m   | 1.593   | ug/l    |          |
| 89) n-Butylbenzene          | 13.61  | 91   | 120348m  | 2.633   | ug/l    |          |
| 95) Naphthalene             | 15.13  | 128  | 1412237  | 44.697  | ug/l    | 100      |

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

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