

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\  
 Data File : VN055858.D  
 Acq On : 28 May 2019 17:27  
 Operator : JC/SP  
 Sample : K3065-07  
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 B-14-11.5-12.0

Quant Time: May 29 06:06:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052319W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 24 06:41:54 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 362577   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 513446   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 478713   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 249022   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.02  | 65   | 169334   | 45.22 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 90.44%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 148413   | 45.72 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.44%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 613340   | 49.26 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.52%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 223619   | 52.37 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.74% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 39) Methylcyclohexane      | 9.08  | 83   | 4874     | 0.880   | ug/l   | 96     |
| 40) Benzene                | 8.04  | 78   | 657608   | 48.765  | ug/l   | 99     |
| 52) Toluene                | 10.16 | 92   | 3677279  | 433.578 | ug/l   | 99     |
| 67) Ethyl Benzene          | 11.51 | 91   | 14849783 | 864.083 | ug/l   | 95     |
| 68) m/p-Xylenes            | 11.62 | 106  | 5164859  | 794.962 | ug/l   | 98     |
| 69) o-Xylene               | 11.95 | 106  | 2061153  | 319.763 | ug/l   | 99     |
| 73) Isopropylbenzene       | 12.25 | 105  | 720753   | 40.164  | ug/l   | 99     |
| 78) n-propylbenzene        | 12.59 | 91   | 365552   | 16.890  | ug/l   | 98     |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105  | 1491862  | 102.757 | ug/l   | 97     |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105  | 4217879  | 294.810 | ug/l   | 98     |
| 86) p-Isopropyltoluene     | 13.29 | 119  | 88075    | 5.093   | ug/l # | 79     |
| 95) Naphthalene            | 15.13 | 128  | 9837961  | 854.027 | ug/l   | 100    |

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

