

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\  
 Data File : VN055774.D  
 Acq On : 23 May 2019 23:52  
 Operator : JC/SP  
 Sample : K2996-09ME  
 Misc : 5.48g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 P-9(0.5-1.0)ME

Quant Time: May 24 08:00:55 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  | 397869   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 541311   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 477241   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 268676   | 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   | 179526   | 43.69 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 87.38%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 163168   | 47.68 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.36%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 763025   | 58.12 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 116.24% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 365214   | 81.13 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 162.26% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 31) Cyclohexane            | 7.63  | 56   | 1582497  | 256.596 | ug/l # | 56     |
| 39) Methylcyclohexane      | 9.08  | 83   | 2320789  | 397.290 | ug/l   | 93     |
| 40) Benzene                | 8.04  | 78   | 140678   | 9.895   | ug/l   | 98     |
| 52) Toluene                | 10.16 | 92   | 73119    | 8.177   | ug/l   | 95     |
| 67) Ethyl Benzene          | 11.51 | 91   | 1215236  | 70.931  | ug/l   | 99     |
| 68) m/p-Xylenes            | 11.62 | 106  | 279448   | 43.145  | ug/l   | 97     |
| 69) o-Xylene               | 11.95 | 106  | 35853    | 5.579   | ug/l   | 73     |
| 73) Isopropylbenzene       | 12.25 | 105  | 5394705  | 295.357 | ug/l   | 99     |
| 78) n-propylbenzene        | 12.59 | 91   | 5770069  | 247.095 | ug/l   | 99     |
| 80) 1,3,5-Trimethylbenzene | 12.73 | 105  | 87410    | 3.029   | ug/l   | 96     |
| 83) tert-Butylbenzene      | 12.99 | 119  | 135613   | 7.160   | ug/l   | 97     |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105  | 139718   | 6.671   | ug/l   | 97     |
| 85) sec-Butylbenzene       | 13.17 | 105  | 781951   | 42.898  | ug/l # | 56     |
| 86) p-Isopropyltoluene     | 13.29 | 119  | 233925   | 12.537  | ug/l   | 95     |
| 89) n-Butylbenzene         | 13.61 | 91   | 1528708  | 106.931 | ug/l # | 76     |
| 95) Naphthalene            | 15.13 | 128  | 3092119  | 248.789 | ug/l   | 100    |

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

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