

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091119\  
 Data File : VN057909.D  
 Acq On : 11 Sep 2019 9:11  
 Operator : JC/SP  
 Sample : K4753-03  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 DRUM-2-RAGS

Quant Time: Sep 12 01:39:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091019W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 10 03:02:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 308709   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 518538   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 498867   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 330047   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.01  | 65   | 327848   | 52.43 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.86% |          |
| 35) Dibromofluoromethane    | 7.58  | 113  | 225373   | 47.09 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.18%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 951019   | 51.18 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.36% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 362808   | 51.24 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.48% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 16) Acetone                | 3.80  | 43   | 33539    | 16.363  | ug/l   | 99     |
| 17) Carbon Disulfide       | 4.02  | 76   | 6309     | 1.388   | ug/l # | 94     |
| 18) Methyl Acetate         | 4.31  | 43   | 14392    | 2.633   | ug/l   | 94     |
| 20) Methylene Chloride     | 4.53  | 84   | 41063    | 9.527   | ug/l   | 98     |
| 25) 2-Butanone             | 6.82  | 43   | 59759    | 20.143  | ug/l   | 96     |
| 29) Tetrahydrofuran        | 7.20  | 42   | 124174   | 67.926  | ug/l   | 97     |
| 31) Cyclohexane            | 7.64  | 56   | 67470    | 10.230  | ug/l # | 91     |
| 39) Methylcyclohexane      | 9.07  | 83   | 113800   | 18.001  | ug/l   | 94     |
| 40) Benzene                | 8.03  | 78   | 962836   | 53.180  | ug/l   | 99     |
| 43) Isopropyl Acetate      | 8.16  | 43   | 57722    | 5.524   | ug/l # | 91     |
| 52) Toluene                | 10.15 | 92   | 4737522  | 415.454 | ug/l # | 62     |
| 67) Ethyl Benzene          | 11.51 | 91   | 3918369  | 171.253 | ug/l # | 69     |
| 68) m/p-Xylenes            | 11.62 | 106  | 4923742  | 587.476 | ug/l # | 50     |
| 69) o-Xylene               | 11.95 | 106  | 3425976  | 411.176 | ug/l   | 55     |
| 73) Isopropylbenzene       | 12.25 | 105  | 681141   | 26.596  | ug/l   | 99     |
| 78) n-propylbenzene        | 12.60 | 91   | 1318873  | 44.846  | ug/l   | 99     |
| 80) 1,3,5-Trimethylbenzene | 12.74 | 105  | 1620653  | 74.894  | ug/l   | 99     |
| 84) 1,2,4-Trimethylbenzene | 13.04 | 105  | 4386438  | 199.445 | ug/l   | 69     |
| 85) sec-Butylbenzene       | 13.18 | 105  | 250514   | 9.826   | ug/l   | 92     |
| 86) p-Isopropyltoluene     | 13.30 | 119  | 146647   | 6.528   | ug/l   | 98     |
| 89) n-Butylbenzene         | 13.62 | 91   | 150468   | 7.093   | ug/l # | 71     |
| 95) Naphthalene            | 15.13 | 128  | 1035644  | 53.719  | ug/l   | 100    |

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

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