

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\  
 Data File : VN054217.D  
 Acq On : 13 Mar 2019 17:26  
 Operator : JC/SP  
 Sample : K1842-09  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PR-MW-02\_030819

Manual Integrations  
 APPROVED

MMDadoda  
 3/14/2019 10:27:28 AM

Quant Time: Mar 14 10:38:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031219W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 13 03:33:31 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.67  | 168  | 1404941  | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 2346219  | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 2427552  | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.34 | 152  | 1146482  | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 753159   | 50.48  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.96% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 730918   | 48.30  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 96.60%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 2881883  | 51.57  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.14% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 1115947  | 57.07  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 114.14% |          |
| Target Compounds            |       |      |          |        |         |          |
|                             |       |      |          |        | Qvalue  |          |
| 16) Acetone                 | 3.82  | 43   | 52936m   | 12.391 | ug/l    |          |
| 39) Methylcyclohexane       | 9.08  | 83   | 116672   | 4.389  | ug/l    | 97       |
| 52) Toluene                 | 10.16 | 92   | 19707    | 0.503  | ug/l    | 89       |
| 67) Ethyl Benzene           | 11.51 | 91   | 95822    | 1.084  | ug/l    | 100      |
| 73) Isopropylbenzene        | 12.25 | 105  | 4307660  | 46.962 | ug/l    | 100      |
| 78) n-propylbenzene         | 12.59 | 91   | 1788267  | 17.967 | ug/l    | 99       |
| 83) tert-Butylbenzene       | 12.99 | 119  | 51492    | 0.733  | ug/l    | 98       |
| 85) sec-Butylbenzene        | 13.17 | 105  | 380794   | 4.181  | ug/l    | 85       |
| 89) n-Butylbenzene          | 13.61 | 91   | 151434   | 2.494  | ug/l #  | 76       |
| 95) Naphthalene             | 15.13 | 128  | 51706    | 4.427  | ug/l #  | 93       |

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

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