

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\  
 Data File : VN058226.D  
 Acq On : 19 Sep 2019 23:40  
 Operator : JC/SP  
 Sample : K4974-05  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE132D4-20190916

Manual Integrations  
 APPROVED

MMDadoda  
 9/20/2019 3:36:34 PM

Quant Time: Sep 20 09:03:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091819W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 19 09:27:53 2019  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-------------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene         | 7.65  | 168  | 513978   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.57  | 114  | 832879   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 11.41 | 117  | 716733   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.35 | 152  | 296483   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds   |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4     | 8.01  | 65   | 362548   | 50.64   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 101.28% |          |
| 35) Dibromofluoromethane      | 7.58  | 113  | 251839   | 49.74   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 99.48%  |          |
| 50) Toluene-d8                | 10.08 | 98   | 1054749  | 53.47   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 106.94% |          |
| 62) 4-Bromofluorobenzene      | 12.41 | 95   | 338225   | 46.16   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 92.32%  |          |
| Target Compounds              |       |      |          |         |         |          |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74  | 101  | 36623    | 8.814   | ug/l    | 99       |
| 12) 1,1-Dichloroethene        | 3.72  | 96   | 5263     | 1.322   | ug/l #  | 92       |
| 16) Acetone                   | 3.80  | 43   | 18565    | 7.640   | ug/l    | 94       |
| 27) cis-1,2-Dichloroethene    | 6.81  | 96   | 16029    | 3.075   | ug/l    | 89       |
| 30) Chloroform                | 7.36  | 83   | 3593m    | 0.362   | ug/l    |          |
| 44) Trichloroethene           | 8.82  | 130  | 1376693  | 306.660 | ug/l    | 100      |
| 64) Tetrachloroethene         | 10.63 | 164  | 24959    | 7.144   | ug/l    | 97       |

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

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