

Data File : VN049321.D  
Acq On : 16 Jun 2018 20:20  
Operator : MD\SY  
Sample : J3564-07  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-16

Manual Integrations  
APPROVED

MMDadoda  
6/18/2018 3:16:29 PM

Quant Time: Jul 01 23:11:11 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 16 01:02:01 2018  
Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 7.67  | 168  | 1705422  | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 2700136  | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 2347261  | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 943140   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 1118423  | 49.44 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.88% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 1010765  | 46.27 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.54% |          |
| 50) Toluene-d8              | 10.09 | 98   | 3787995  | 45.54 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 91.08% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 1181688  | 42.97 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 85.94% |          |
| Target Compounds            |       |      |          |       |        |          |
| 73) Isopropylbenzene        | 12.25 | 105  | 181209   | 2.188 | ug/l   | 97       |
| 78) n-propylbenzene         | 12.59 | 91   | 209159   | 2.300 | ug/l   | 99       |
| 83) tert-Butylbenzene       | 12.99 | 119  | 56109    | 0.973 | ug/l   | 96       |
| 85) sec-Butylbenzene        | 13.17 | 105  | 224127m  | 2.920 | ug/l   |          |
| 89) n-Butylbenzene          | 13.62 | 91   | 38692m   | 0.773 | ug/l   |          |

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

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