

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\  
 Data File : VN064919.D  
 Acq On : 4 Dec 2020 15:17  
 Operator : JC/MD  
 Sample : L4954-02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SS013-13-5045-120120

Quant Time: Dec 05 02:27:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112320W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 23 13:54:12 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 188592   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 319883   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 327647   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 151110   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds |        | R.T.  | QIon     | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   |        | 7.99  | 65       | 106503   | 48.58 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 97.16%  |          |
| 35) Dibromofluoromethane    |        | 7.55  | 113      | 99181    | 51.82 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 103.64% |          |
| 50) Toluene-d8              |        | 10.06 | 98       | 418220   | 53.48 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 106.96% |          |
| 62) 4-Bromofluorobenzene    |        | 12.38 | 95       | 153676   | 54.91 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 109.82% |          |

| Target Compounds      | R.T.  | QIon | Response | Conc    | Units | Qvalue |
|-----------------------|-------|------|----------|---------|-------|--------|
| 31) Cyclohexane       | 7.61  | 56   | 650219   | 212.780 | ug/l  | 96     |
| 39) Methylcyclohexane | 9.05  | 83   | 861761   | 269.990 | ug/l  | 97     |
| 83) tert-Butylbenzene | 12.97 | 119  | 5101     | 0.697   | ug/l  | 86     |
| 95) Naphthalene       | 15.10 | 128  | 25241    | 2.755   | ug/l  | 95     |

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

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