

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\  
 Data File : VN064718.D  
 Acq On : 18 Nov 2020 19:48  
 Operator : JC/MD  
 Sample : L4783-18 40X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-5

Manual Integrations  
 APPROVED

MMDadoda  
 11/19/2020 2:12:26 PM

Quant Time: Nov 19 02:44:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 18 15:29:54 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.62  | 168  | 218428   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 440835   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 461571   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 198157   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 209112   | 54.42  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 108.84% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 126420   | 50.38  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.76% |          |
| 50) Toluene-d8              | 10.06 | 98   | 563897   | 49.45  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.90%  |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 233802   | 54.85  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 109.70% |          |
| Target Compounds            |       |      |          |        |         |          |
|                             |       |      |          |        | Qvalue  |          |
| 11) Tert butyl alcohol      | 4.74  | 59   | 4665m    | 12.514 | ug/l    |          |
| 19) Methyl tert-butyl Ether | 4.99  | 73   | 5597m    | 0.712  | ug/l    |          |
| 39) Methylcyclohexane       | 9.05  | 83   | 2369     | 0.590  | ug/l #  | 83       |
| 40) Benzene                 | 8.00  | 78   | 87400    | 6.916  | ug/l    | 98       |
| 52) Toluene                 | 10.13 | 92   | 10394    | 1.335  | ug/l    | 92       |
| 67) Ethyl Benzene           | 11.48 | 91   | 106402   | 6.146  | ug/l    | 98       |
| 68) m/p-Xylenes             | 11.59 | 106  | 2180     | 4.360  | ug/l #  | 70       |
| 73) Isopropylbenzene        | 12.22 | 105  | 40088    | 2.849  | ug/l    | 99       |
| 78) n-propylbenzene         | 12.56 | 91   | 56592    | 3.454  | ug/l    | 100      |
| 89) n-Butylbenzene          | 13.59 | 91   | 2921     | 0.282  | ug/l #  | 78       |
| 95) Naphthalene             | 15.10 | 128  | 24045    | 2.159  | ug/l    | 97       |

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

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