

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\  
 Data File : VX019096.D  
 Acq On : 24 Oct 2020 01:07  
 Operator : JC/SP  
 Sample : L4417-19DL 50X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-1DL

Manual Integrations  
 APPROVED

MMDadoda  
 10/26/2020 10:02:51 AM

Quant Time: Oct 26 05:59:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 22 17:51:42 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 5.62  | 168  | 291699   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.82  | 114  | 500795   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.09 | 117  | 476204   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 239502   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 174652   | 49.99   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 99.98%  |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 154769   | 48.81   | ug/l    | -0.01    |
| Spiked Amount 50.000        |       |      | Recovery | =       | 97.62%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 620329   | 51.27   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 102.54% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 217905   | 50.63   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 101.26% |          |
| Target Compounds            |       |      |          |         |         |          |
|                             |       |      |          |         | Qvalue  |          |
| 11) Tert butyl alcohol      | 3.01  | 59   | 25892    | 36.588  | ug/l    | 99       |
| 16) Acetone                 | 2.42  | 43   | 1767     | 1.485   | ug/l    | 97       |
| 19) Methyl tert-butyl Ether | 3.16  | 73   | 19203    | 2.135   | ug/l #  | 52       |
| 31) Cyclohexane             | 5.54  | 56   | 10688    | 2.612   | ug/l    | 97       |
| 39) Methylcyclohexane       | 7.44  | 83   | 5699     | 1.132   | ug/l    | 96       |
| 40) Benzene                 | 6.10  | 78   | 209202   | 15.808  | ug/l    | 100      |
| 52) Toluene                 | 8.76  | 92   | 1130153  | 129.292 | ug/l    | 98       |
| 67) Ethyl Benzene           | 10.23 | 91   | 740651   | 43.016  | ug/l    | 99       |
| 68) m/p-Xylenes             | 10.34 | 106  | 343141   | 52.025  | ug/l    | 99       |
| 69) o-Xylene                | 10.68 | 106  | 108570   | 17.199  | ug/l    | 100      |
| 73) Isopropylbenzene        | 11.00 | 105  | 117382   | 6.813   | ug/l    | 99       |
| 78) n-propylbenzene         | 11.34 | 91   | 155207   | 7.950   | ug/l    | 98       |
| 80) 1,3,5-Trimethylbenzene  | 11.49 | 105  | 84871    | 5.965   | ug/l    | 98       |
| 84) 1,2,4-Trimethylbenzene  | 11.79 | 105  | 287119   | 20.153  | ug/l    | 100      |
| 85) sec-Butylbenzene        | 11.93 | 105  | 5010m    | 0.295   | ug/l    |          |
| 89) n-Butylbenzene          | 12.37 | 91   | 9144     | 0.645   | ug/l #  | 53       |
| 95) Naphthalene             | 13.82 | 128  | 125904   | 7.349   | ug/l    | 99       |

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

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