

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\  
 Data File : VX017404.D  
 Acq On : 16 Jul 2020 20:16  
 Operator : JC/SP  
 Sample : L3334-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 E-LGC-4

Quant Time: Jul 17 02:32:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071320W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 14 02:59:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 256706   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 439816   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 479603   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 252981   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min)           |
|-----------------------------|-------|------|----------|-------|-------|--------------------|
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 174446   | 54.14 | ug/l  | 0.00               |
| Spiked Amount               |       |      |          |       |       |                    |
|                             |       |      |          |       |       | Recovery = 108.28% |
| 35) Dibromofluoromethane    | 5.47  | 113  | 154869   | 52.27 | ug/l  | 0.00               |
| Spiked Amount               |       |      |          |       |       |                    |
|                             |       |      |          |       |       | Recovery = 104.54% |
| 50) Toluene-d8              | 8.70  | 98   | 575590   | 53.86 | ug/l  | 0.00               |
| Spiked Amount               |       |      |          |       |       |                    |
|                             |       |      |          |       |       | Recovery = 107.72% |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 223673   | 52.69 | ug/l  | 0.00               |
| Spiked Amount               |       |      |          |       |       |                    |
|                             |       |      |          |       |       | Recovery = 105.38% |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 3) Chloromethane           | 1.31  | 50   | 1179     | 0.482   | ug/l # | 88     |
| 11) Tert butyl alcohol     | 3.01  | 59   | 1841     | 3.392   | ug/l # | 79     |
| 16) Acetone                | 2.42  | 43   | 320201   | 278.574 | ug/l   | 96     |
| 17) Carbon Disulfide       | 2.55  | 76   | 1425713  | 209.207 | ug/l   | 100    |
| 20) Methylene Chloride     | 2.84  | 84   | 2729     | 0.973   | ug/l # | 83     |
| 25) 2-Butanone             | 4.63  | 43   | 20699    | 11.338  | ug/l   | 96     |
| 30) Chloroform             | 5.17  | 83   | 26737    | 5.484   | ug/l   | 98     |
| 40) Benzene                | 6.12  | 78   | 17541    | 1.509   | ug/l   | 98     |
| 52) Toluene                | 8.77  | 92   | 3307     | 0.443   | ug/l   | 90     |
| 68) m/p-Xylenes            | 10.34 | 106  | 4411     | 0.715   | ug/l   | 93     |
| 69) o-Xylene               | 10.68 | 106  | 2771     | 0.470   | ug/l   | 100    |
| 84) 1,2,4-Trimethylbenzene | 11.79 | 105  | 10913    | 0.802   | ug/l   | 95     |
| 95) Naphthalene            | 13.82 | 128  | 144447   | 9.321   | ug/l   | 99     |

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

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