

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\  
 Data File : VX007137.D  
 Acq On : 18 Jan 2019 16:15  
 Operator : JC/SP  
 Sample : K1195-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS037MW036-190116

Manual Integrations  
 APPROVED

MMDadoda  
 1/21/2019 10:59:56 AM

Quant Time: Jan 18 22:42:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 545908   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 838203   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 795377   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 398140   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 291425   | 51.08 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 102.16% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 259764   | 48.39 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.78%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 1019580  | 51.89 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 103.78% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 363585   | 53.08 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.16% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 4) Vinyl Chloride          | 1.41  | 62   | 6832     | 1.217   | ug/l # | 28     |
| 16) Acetone                | 2.45  | 43   | 2952     | 1.047   | ug/l   | 91     |
| 27) cis-1,2-Dichloroethene | 4.60  | 96   | 14047    | 2.278   | ug/l   | 93     |
| 39) Methylcyclohexane      | 7.45  | 83   | 9479     | 1.020   | ug/l # | 44     |
| 40) Benzene                | 6.15  | 78   | 14071    | 0.633   | ug/l   | 98     |
| 65) Chlorobenzene          | 10.14 | 112  | 3529463  | 203.456 | ug/l   | 98     |
| 73) Isopropylbenzene       | 11.02 | 105  | 34829    | 1.241   | ug/l   | 97     |
| 83) tert-Butylbenzene      | 11.77 | 119  | 82687    | 3.533   | ug/l   | 89     |
| 85) sec-Butylbenzene       | 11.94 | 105  | 76533    | 2.738   | ug/l # | 55     |
| 87) 1,3-Dichlorobenzene    | 12.02 | 146  | 4027     | 0.288   | ug/l   | 80     |
| 88) 1,4-Dichlorobenzene    | 12.10 | 146  | 8440m    | 0.780   | ug/l   |        |

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

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