

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\  
 Data File : VX010282.D  
 Acq On : 13 Jun 2019 18:56  
 Operator : JC/SP  
 Sample : K3309-03 50X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 KY032MW006-190610

Quant Time: Jun 14 04:20:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060719W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 02:12:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 329366   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 500989   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 449672   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 207374   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 148231   | 46.11 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.22%  |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 153463   | 49.66 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.32%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 584363   | 50.46 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.92% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 200409   | 46.33 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.66%  |      |

## Target Compounds

|                            |       |     |        |         |        | Qvalue |
|----------------------------|-------|-----|--------|---------|--------|--------|
| 4) Vinyl Chloride          | 1.41  | 62  | 54808  | 19.375  | ug/l   | 100    |
| 16) Acetone                | 2.44  | 43  | 51581  | 34.111  | ug/l # | 87     |
| 24) 1,1-Dichloroethane     | 3.70  | 63  | 137618 | 26.547  | ug/l   | 93     |
| 25) 2-Butanone             | 4.67  | 43  | 665650 | 295.619 | ug/l # | 83     |
| 27) cis-1,2-Dichloroethene | 4.60  | 96  | 10810  | 2.968   | ug/l   | 73     |
| 29) Tetrahydrofuran        | 5.14  | 42  | 8930   | 6.311   | ug/l # | 84     |
| 40) Benzene                | 6.15  | 78  | 3801   | 0.301   | ug/l # | 79     |
| 49) 1,4-Dioxane            | 7.74  | 88  | 31241  | 329.509 | ug/l # | 74     |
| 51) 4-Methyl-2-Pentanone   | 8.64  | 43  | 188629 | 44.406  | ug/l   | 89     |
| 52) Toluene                | 8.79  | 92  | 878525 | 105.744 | ug/l   | 99     |
| 65) Chlorobenzene          | 10.13 | 112 | 8357   | 0.900   | ug/l   | 95     |
| 67) Ethyl Benzene          | 10.25 | 91  | 13015  | 0.824   | ug/l   | 90     |
| 68) m/p-Xylenes            | 10.35 | 106 | 10910  | 1.784   | ug/l   | 86     |
| 69) o-Xylene               | 10.69 | 106 | 4903   | 0.807   | ug/l   | 90     |
| 86) p-Isopropyltoluene     | 12.06 | 119 | 3818   | 0.290   | ug/l # | 77     |
| 87) 1,3-Dichlorobenzene    | 12.02 | 146 | 2790   | 0.398   | ug/l   | 95     |
| 88) 1,4-Dichlorobenzene    | 12.10 | 146 | 12996  | 1.839   | ug/l   | 86     |
| 91) 1,2-Dichlorobenzene    | 12.39 | 146 | 63779  | 9.356   | ug/l   | 96     |
| 95) Naphthalene            | 13.83 | 128 | 16908  | 1.076   | ug/l   | 97     |

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

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