

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\  
 Data File : VX016991.D  
 Acq On : 26 Jun 2020 18:09  
 Operator : JC/SP  
 Sample : L3097-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 24BR-20200623

Manual Integrations  
 APPROVED

MMDadoda  
 6/29/2020 12:32:43 PM

Quant Time: Jun 29 06:35:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062620W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 26 08:34:16 2020  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response  | Conc      | Units   | Dev(Min) |
|-------------------------------|-------|------|-----------|-----------|---------|----------|
| 1) Pentafluorobenzene         | 5.64  | 168  | 252537    | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.84  | 114  | 448445    | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 10.10 | 117  | 463567    | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.06 | 152  | 237223    | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds   |       |      |           |           |         |          |
| 33) 1,2-Dichloroethane-d4     | 6.03  | 65   | 188167    | 49.34     | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery  | =         | 98.68%  |          |
| 35) Dibromofluoromethane      | 5.46  | 113  | 149962    | 50.63     | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery  | =         | 101.26% |          |
| 50) Toluene-d8                | 8.70  | 98   | 563772    | 51.93     | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery  | =         | 103.86% |          |
| 62) 4-Bromofluorobenzene      | 11.12 | 95   | 239975    | 57.16     | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery  | =         | 114.32% |          |
| Target Compounds              |       |      |           |           |         |          |
|                               |       |      |           |           | Qvalue  |          |
| 2) Dichlorodifluoromethane    | 1.18  | 85   | 119186    | 49.521    | ug/l    | 98       |
| 3) Chloromethane              | 1.32  | 50   | 1829      | 0.591     | ug/l    | 91       |
| 4) Vinyl Chloride             | 1.39  | 62   | 3596785   | 1135.034  | ug/l    | 100      |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37  | 101  | 313010    | 113.126   | ug/l    | 97       |
| 12) 1,1-Dichloroethene        | 2.36  | 96   | 150343    | 53.709    | ug/l    | 95       |
| 16) Acetone                   | 2.42  | 43   | 7430      | 4.984     | ug/l #  | 87       |
| 20) Methylene Chloride        | 2.84  | 84   | 1057      | 0.312     | ug/l #  | 78       |
| 21) trans-1,2-Dichloroethene  | 3.15  | 96   | 139798    | 44.203    | ug/l    | 98       |
| 24) 1,1-Dichloroethane        | 3.68  | 63   | 7320      | 1.277     | ug/l #  | 93       |
| 27) cis-1,2-Dichloroethene    | 4.58  | 96   | 22951780  | 6567.377  | ug/l    | 83       |
| 44) Trichloroethene           | 7.21  | 130  | 46171548m | 13563.832 | ug/l    |          |
| 52) Toluene                   | 8.77  | 92   | 3058      | 0.388     | ug/l    | 91       |
| 64) Tetrachloroethene         | 9.32  | 164  | 16586     | 5.286     | ug/l    | 95       |

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

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