

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100622\  
 Data File : VX031946.D  
 Acq On : 07 Oct 2022 02:16  
 Operator : JC/MD  
 Sample : N4883-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP092722

Quant Time: Oct 07 08:10:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 14:28:46 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)   |
|-----------------------------|--------|-------|----------|----------|--------|------------|
| -----                       |        |       |          |          |        |            |
| Internal Standards          |        |       |          |          |        | 10/07/2022 |
| 1) Pentafluorobenzene       | 5.556  | 168   | 56566    | 50.000   | ug/l   | 0.00       |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 95907    | 50.000   | ug/l   | 0.00       |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 108651   | 50.000   | ug/l   | 0.00       |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 73893    | 50.000   | ug/l   | 0.00       |
| System Monitoring Compounds |        |       |          |          |        | 10/07/2022 |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 63415    | 54.284   | ug/l   | 0.00       |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 108.560%   |
| 35) Dibromofluoromethane    | 5.385  | 113   | 52644    | 48.492   | ug/l   | 0.00       |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 96.980%    |
| 50) Toluene-d8              | 8.653  | 98    | 199326   | 51.025   | ug/l   | 0.00       |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 102.060%   |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 75660    | 54.785   | ug/l   | 0.00       |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 109.580%   |
| Target Compounds            |        |       |          |          |        | Qvalue     |
| 11) Tert butyl alcohol      | 2.983  | 59    | 27188    | 187.059  | ug/l   | 100        |
| 16) Acetone                 | 2.386  | 43    | 16106    | 40.566   | ug/l # | 80         |
| 17) Carbon Disulfide        | 2.514  | 76    | 2891     | 1.562    | ug/l   | 99         |
| 19) Methyl tert-butyl Ether | 3.111  | 73    | 100074   | 34.612   | ug/l # | 79         |
| 22) Diisopropyl ether       | 3.757  | 45    | 2479     | 0.899    | ug/l # | 86         |
| 25) 2-Butanone              | 4.568  | 43    | 8832     | 14.230   | ug/l   | 94         |
| 31) Cyclohexane             | 5.477  | 56    | 41443    | 29.696   | ug/l   | 96         |
| 39) Methylcyclohexane       | 7.379  | 83    | 59391    | 34.587   | ug/l   | 94         |
| 40) Benzene                 | 6.037  | 78    | 347835   | 82.515   | ug/l   | 99         |
| 42) 1,2-Dichloroethane      | 6.086  | 62    | 8861     | 5.768    | ug/l   | 87         |
| 52) Toluene                 | 8.720  | 92    | 474859   | 172.290  | ug/l   | 99         |
| 64) Tetrachloroethene       | 9.275  | 164   | 352      | 0.287    | ug/l   | 91         |
| 67) Ethyl Benzene           | 10.201 | 91    | 3710497  | 666.235  | ug/l   | 96         |
| 68) m/p-Xylenes             | 10.311 | 106   | 3284711  | 1484.137 | ug/l   | 91         |
| 69) o-Xylene                | 10.646 | 106   | 925098   | 430.041  | ug/l   | 98         |
| 73) Isopropylbenzene        | 10.963 | 105   | 83823    | 15.040   | ug/l   | 98         |
| 78) n-propylbenzene         | 11.305 | 91    | 336703   | 53.116   | ug/l   | 99         |
| 80) 1,3,5-Trimethylbenzene  | 11.451 | 105   | 1196161  | 258.782  | ug/l   | 99         |
| 83) tert-Butylbenzene       | 11.713 | 119   | 59972    | 13.109   | ug/l   | 88         |
| 84) 1,2,4-Trimethylbenzene  | 11.756 | 105   | 2153772  | 458.676  | ug/l   | 98         |
| 86) p-Isopropyltoluene      | 12.012 | 119   | 5287m    | 1.109    | ug/l   |            |
| 95) Naphthalene             | 13.774 | 128   | 1074038  | 198.713  | ug/l   | 100        |
| -----                       |        |       |          |          |        |            |

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

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