

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100621\
 Data File : VU045181.D
 Acq On : 06 Oct 2021 13:25
 Operator : SY/MD
 Sample : M3996-04 4X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A16

Quant Time: Oct 07 03:02:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 03:00:32 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	291407	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	280319	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	123052	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	159555	50.016	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 100.040%		
7) Chloroethane-d5	1.906	69	126395	50.000	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 100.000%		
11) 1,1-Dichloroethene-d2	2.565	63	199855	37.306	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 74.620%		
21) 2-Butanone-d5	4.626	46	238948	94.746	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 94.750%		
24) Chloroform-d	5.070	84	245898	48.805	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 97.620%		
26) 1,2-Dichloroethane-d4	5.707	65	173166	50.740	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 101.480%		
32) Benzene-d6	5.732	84	510352	52.468	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 104.940%		
36) 1,2-Dichloropropane-d6	6.697	67	161967	51.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 102.140%		
41) Toluene-d8	7.903	98	452654	53.924	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 107.840%		
43) trans-1,3-Dichloroprop...	8.182	79	74499	52.805	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 105.600%		
47) 2-Hexanone-d5	8.636	63	167717	95.422	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 95.420%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	235472	47.678	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 95.360%		
66) 1,2-Dichlorobenzene-d4	12.195	152	151316	56.504	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 113.000%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.372	73	5163	0.659	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	37583	14.348	ug/L	90
30) 1,1,1-Trichloroethane	5.321	97	2906	0.749	ug/L	94
34) Trichloroethene	6.543	95	2632	1.054	ug/L	94
42) Toluene	7.973	91	7207	0.682	ug/L	97
46) Tetrachloroethene	8.559	164	418261	234.329	ug/L	98
53) m,p-Xylene	9.694	106	5812	1.375	ug/L	97

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

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