

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092921\
 Data File : VW022398.D
 Acq On : 29 Sep 2021 23:44
 Operator : SY/MD
 Sample : M3979-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A43

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 1:55:06 PM

Quant Time: Sep 30 07:08:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	242917	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	236518	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	101712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76467	37.092	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.180%		
7) Chloroethane-d5	1.561	69	70826	43.437	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.880%		
11) 1,1-Dichloroethene-d2	2.104	63	112074	31.268	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.540%		
21) 2-Butanone-d5	3.873	46	130071	89.402	ug/L	-0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.400%		
24) Chloroform-d	4.349	84	162106	43.547	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.100%		
26) 1,2-Dichloroethane-d4	5.030	65	107713	47.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.360%		
32) Benzene-d6	5.050	84	341704	45.924	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.840%		
36) 1,2-Dichloropropane-d6	6.069	67	112864	47.414	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.820%		
41) Toluene-d8	7.316	98	303638	44.585	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.160%		
43) trans-1,3-Dichloroprop...	7.622	79	44367	40.817	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.640%		
47) 2-Hexanone-d5	8.088	63	90396	93.457	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.460%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	160951	46.579	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.160%		
66) 1,2-Dichlorobenzene-d4	11.625	152	120335	53.206	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.420%		
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.760	96	5344	2.900	ug/L	91
18) Methyl tert-butyl Ether	2.767	73	7774	1.419	ug/L #	85
20) cis-1,2-Dichloroethene	3.911	96	2665m	1.358	ug/L	
25) Chloroform	4.378	83	10828	3.160	ug/L	98
34) Trichloroethene	5.921	95	10418	5.613	ug/L	96
46) Tetrachloroethene	7.976	164	338283	221.336	ug/L	96

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

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