

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045202.D
 Acq On : 07 Oct 2021 11:19
 Operator : SY/MD
 Sample : M4023-12 25X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK1

Quant Time: Oct 07 21:36:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 21:34:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	302881	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	287396	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	126325	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	118005	35.590	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.180%		
7) Chloroethane-d5	1.896	69	100090	38.094	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.180%		
11) 1,1-Dichloroethene-d2	2.565	63	177461	31.871	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.740%		
21) 2-Butanone-d5	4.626	46	195899	74.734	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.730%		
24) Chloroform-d	5.067	84	200822	38.349	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.700%		
26) 1,2-Dichloroethane-d4	5.707	65	143135	40.352	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.700%		
32) Benzene-d6	5.732	84	422547	42.371	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.740%		
36) 1,2-Dichloropropane-d6	6.694	67	134111	41.243	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.480%		
41) Toluene-d8	7.899	98	371740	43.195	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.380%		
43) trans-1,3-Dichloroprop...	8.182	79	57952	40.065	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.120%		
47) 2-Hexanone-d5	8.636	63	142735	79.209	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.210%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	205401	40.565	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.120%		
66) 1,2-Dichlorobenzene-d4	12.195	152	128659	46.799	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.600%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	33690	14.364	ug/L	# 61
16) Methylene chloride	3.048	84	25880	8.709	ug/L	93
17) trans-1,2-Dichloroethene	3.356	96	6374	2.580	ug/L	100
19) 1,1-Dichloroethane	3.874	63	20848	4.056	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	356180	130.824	ug/L	93
30) 1,1,1-Trichloroethane	5.321	97	160895	40.443	ug/L	98
34) Trichloroethene	6.546	95	348989	136.309	ug/L	98
42) Toluene	7.973	91	6481	0.598	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	1769	0.673	ug/L	82

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

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