

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046232.D
 Acq On : 09 Dec 2021 19:57
 Operator : SY/MD
 Sample : M4983-20
 Misc : 5.7mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Q5

Quant Time: Dec 10 03:46:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	189421	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	196223	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109063	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	71482	45.811	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.620%		
7) Chloroethane-d5	1.919	69	52940	44.189	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.380%		
11) 1,1-Dichloroethene-d2	2.575	63	94375	33.692	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.380%		
21) 2-Butanone-d5	4.636	46	116468	93.895	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.900%		
24) Chloroform-d	5.067	84	122306	46.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.880%		
26) 1,2-Dichloroethane-d4	5.707	65	82606	47.238	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.480%		
32) Benzene-d6	5.732	84	255746	45.473	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.940%		
36) 1,2-Dichloropropane-d6	6.694	67	80352	46.100	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.200%		
41) Toluene-d8	7.899	98	227368	44.402	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.800%		
43) trans-1,3-Dichloroprop...	8.182	79	39642	47.114	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.220%		
47) 2-Hexanone-d5	8.633	63	78693	95.221	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.220%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	124538	47.114	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.220%		
66) 1,2-Dichlorobenzene-d4	12.192	152	95626	45.528	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.060%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	989	0.532	ug/L	# 1
8) Chloroethane	1.941	64	29876	27.762	ug/L	100
19) 1,1-Dichloroethane	3.877	63	52125	20.683	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	1823	1.212	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	20623	8.562	ug/L	99
46) Tetrachloroethene	8.559	164	1569	1.365	ug/L	89
62) 1,3,5-Trimethylbenzene	11.089	105	23128	3.910	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	66800	11.288	ug/L	99

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

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