

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046327.D
 Acq On : 13 Dec 2021 19:43
 Operator : SY/MD
 Sample : M4983-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Q5

Quant Time: Dec 14 03:54:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	147469	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	156119	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	84204	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	52355	43.099	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.200%		
7) Chloroethane-d5	1.919	69	40089	42.982	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.960%		
11) 1,1-Dichloroethene-d2	2.572	63	66861	30.660	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.320%		
21) 2-Butanone-d5	4.642	46	78864	81.666	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.670%		
24) Chloroform-d	5.067	84	86436	42.608	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.220%		
26) 1,2-Dichloroethane-d4	5.706	65	62740	46.084	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.160%		
32) Benzene-d6	5.732	84	181285	40.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.020%		
36) 1,2-Dichloropropane-d6	6.694	67	57679	41.592	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.180%		
41) Toluene-d8	7.899	98	151585	37.207	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.420%#		
43) trans-1,3-Dichloroprop...	8.182	79	26878	40.150	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.300%		
47) 2-Hexanone-d5	8.636	63	54015	82.150	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.150%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	90588	43.074	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.140%		
66) 1,2-Dichlorobenzene-d4	12.195	152	64607	39.841	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.680%#		
Target Compounds						Qvalue
8) Chloroethane	1.938	64	23959	28.598	ug/L	98
19) 1,1-Dichloroethane	3.877	63	42282	21.551	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	864	0.738	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	16170	8.438	ug/L	98
46) Tetrachloroethene	8.555	164	1071	1.171	ug/L	79
62) 1,3,5-Trimethylbenzene	11.089	105	12517	2.741	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	36952	8.088	ug/L	100

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

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