

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046225.D
 Acq On : 09 Dec 2021 17:21
 Operator : SY/MD
 Sample : M4983-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P2

Quant Time: Dec 10 03:45:23 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		6.250	114	190383	50.000	ug/L	0.00
28) Chlorobenzene-d5		9.417	117	197872	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.813	152	106301	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.601	65	80605	51.397	ug/L	0.00
Spiked Amount	50.000	Range 60	- 135	Recovery	=	102.800%	
7) Chloroethane-d5		1.919	69	58889	48.907	ug/L	0.00
Spiked Amount	50.000	Range 70	- 130	Recovery	=	97.820%	
11) 1,1-Dichloroethene-d2		2.572	63	109763	38.987	ug/L	0.00
Spiked Amount	50.000	Range 60	- 125	Recovery	=	77.980%	
21) 2-Butanone-d5		4.639	46	127493	102.264	ug/L	0.00
Spiked Amount	100.000	Range 40	- 130	Recovery	=	102.260%	
24) Chloroform-d		5.067	84	128859	49.203	ug/L	0.00
Spiked Amount	50.000	Range 70	- 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4		5.704	65	89195	50.748	ug/L	0.00
Spiked Amount	50.000	Range 70	- 125	Recovery	=	101.500%	
32) Benzene-d6		5.732	84	282303	49.777	ug/L	0.00
Spiked Amount	50.000	Range 70	- 125	Recovery	=	99.560%	
36) 1,2-Dichloropropane-d6		6.694	67	87919	50.021	ug/L	0.00
Spiked Amount	50.000	Range 70	- 120	Recovery	=	100.040%	
41) Toluene-d8		7.900	98	257060	49.782	ug/L	0.00
Spiked Amount	50.000	Range 80	- 120	Recovery	=	99.560%	
43) trans-1,3-Dichloroprop...		8.179	79	43573	51.354	ug/L	0.00
Spiked Amount	50.000	Range 60	- 125	Recovery	=	102.700%	
47) 2-Hexanone-d5		8.633	63	88015	105.614	ug/L	0.00
Spiked Amount	100.000	Range 45	- 130	Recovery	=	105.610%	
56) 1,1,2,2-Tetrachloroeth...		10.758	84	133483	50.077	ug/L	0.00
Spiked Amount	50.000	Range 65	- 120	Recovery	=	100.160%	
66) 1,2-Dichlorobenzene-d4		12.195	152	102800	50.216	ug/L	0.00
Spiked Amount	50.000	Range 80	- 120	Recovery	=	100.440%	
Target Compounds							
						Qvalue	
12) 1,1-Dichloroethene		2.585	96	7729	5.871	ug/L #	1
17) trans-1,2-Dichloroethene		3.360	96	1118	0.803	ug/L #	72
19) 1,1-Dichloroethane		3.874	63	41141	16.242	ug/L	99
20) cis-1,2-Dichloroethene		4.671	96	20510	13.569	ug/L	99
25) Chloroform		5.089	83	10927	3.883	ug/L	96
30) 1,1,1-Trichloroethane		5.321	97	363297	149.573	ug/L	99
34) Trichloroethene		6.543	95	29259	18.545	ug/L	97
46) Tetrachloroethene		8.556	164	35299	30.445	ug/L	98

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

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