

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046312.D
 Acq On : 13 Dec 2021 14:00
 Operator : SY/MD
 Sample : M4971-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3D1

Quant Time: Dec 14 02:34:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 13 13:51:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	137348	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	142750	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70774	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	65776	58.137	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 116.280%	
7) Chloroethane-d5	1.919	69	47006	54.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 108.220%	
11) 1,1-Dichloroethene-d2	2.572	63	84417	41.563	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 83.120%	
21) 2-Butanone-d5	4.642	46	96377	107.156	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 107.160%	
24) Chloroform-d	5.067	84	98373	52.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.140%	
26) 1,2-Dichloroethane-d4	5.707	65	69578	54.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.740%	
32) Benzene-d6	5.732	84	215973	52.786	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.580%	
36) 1,2-Dichloropropane-d6	6.694	67	66953	52.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 105.600%	
41) Toluene-d8	7.899	98	184492	49.525	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 99.040%	
43) trans-1,3-Dichloroprop...	8.182	79	30980	50.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 101.220%	
47) 2-Hexanone-d5	8.636	63	64897	107.943	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 107.940%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	103484	53.814	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 107.620%	
66) 1,2-Dichlorobenzene-d4	12.195	152	71360	52.356	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.720%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	101088	75.010	ug/L	100
12) 1,1-Dichloroethene	2.584	96	1565	1.648	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	85496	85.069	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	583211	534.810	ug/L	97
25) Chloroform	5.092	83	9124	4.494	ug/L	89
51) Chlorobenzene	9.449	112	1806	0.602	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	4252	1.930	ug/L	95

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

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