

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046062.D
 Acq On : 02 Dec 2021 18:57
 Operator : SY/MD
 Sample : M4870-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKN8

Quant Time: Dec 03 05:13:46 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	245123	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	238062	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	127380	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	69604	34.471	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.940%		
7) Chloroethane-d5	1.916	69	54960	35.451	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.900%		
11) 1,1-Dichloroethene-d2	2.572	63	102365	28.240	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.480%#		
21) 2-Butanone-d5	4.636	46	142324	88.666	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.670%		
24) Chloroform-d	5.067	84	135116	40.071	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.140%		
26) 1,2-Dichloroethane-d4	5.703	65	93874	41.483	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.960%		
32) Benzene-d6	5.729	84	296711	43.485	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.980%		
36) 1,2-Dichloropropane-d6	6.694	67	93955	44.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.860%		
41) Toluene-d8	7.899	98	265520	42.739	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.480%		
43) trans-1,3-Dichloroprop...	8.179	79	43073	42.195	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.380%		
47) 2-Hexanone-d5	8.632	63	101823	101.555	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.560%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	134855	42.051	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.100%		
66) 1,2-Dichlorobenzene-d4	12.195	152	109638	44.693	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.380%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	19724	8.201	ug/L	94
13) Acetone	2.649	43	172026	85.751	ug/L	97
16) Methylene chloride	3.051	84	9364	4.644	ug/L	95
17) trans-1,2-Dichloroethene	3.353	96	1648	0.919	ug/L	87
20) cis-1,2-Dichloroethene	4.671	96	284414	146.138	ug/L	100
22) 2-Butanone	4.716	43	37971	17.387	ug/L	98
27) 1,2-Dichloroethane	5.797	62	8092	3.010	ug/L	95
33) Benzene	5.777	78	91539	12.705	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	33276	11.999	ug/L	99
42) Toluene	7.970	91	150192	19.426	ug/L	99
51) Chlorobenzene	9.449	112	3943	0.788	ug/L	91
52) Ethylbenzene	9.571	91	313455	37.672	ug/L	98
53) m,p-Xylene	9.693	106	347201	106.998	ug/L	98
54) o-xylene	10.102	106	132279	42.011	ug/L	97
61) Isopropylbenzene	10.484	105	31750	3.831	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	27365	3.961	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	96203	13.919	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	4935	1.245	ug/L	97

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

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