

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046203.D
 Acq On : 09 Dec 2021 01:56
 Operator : SY/MD
 Sample : M4983-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5N8

Quant Time: Dec 09 04:37:49 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	207588	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	203738	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107329	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54981	32.153	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.300%
7) Chloroethane-d5	1.919	69	45057	34.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.640%#
11) 1,1-Dichloroethene-d2	2.572	63	84022	27.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.740%#
21) 2-Butanone-d5	4.642	46	131316	96.601	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.600%
24) Chloroform-d	5.067	84	117378	41.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.703	65	80676	42.097	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.200%
32) Benzene-d6	5.732	84	246892	42.280	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.560%
36) 1,2-Dichloropropane-d6	6.694	67	78952	43.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.260%
41) Toluene-d8	7.899	98	221628	41.684	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.360%
43) trans-1,3-Dichloroprop...	8.179	79	36917	42.257	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.520%
47) 2-Hexanone-d5	8.636	63	91600	106.751	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.750%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	126875	46.228	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	96766	46.816	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.640%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	7248	5.050	ug/L	# 1
17) trans-1,2-Dichloroethene	3.362	96	1425	0.938	ug/L	97
19) 1,1-Dichloroethane	3.874	63	66178	23.962	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	37152	22.541	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	342905	137.113	ug/L	98
34) Trichloroethene	6.546	95	7920	4.875	ug/L	95
46) Tetrachloroethene	8.555	164	16391	13.730	ug/L	95

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

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