

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046305.D
 Acq On : 13 Dec 2021 11:23
 Operator : SY/MD
 Sample : M4983-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P2

Quant Time: Dec 14 02:33:17 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	147014	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	153918	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	76993	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	65766	54.306	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.620%
7) Chloroethane-d5	1.919	69	48697	52.373	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.740%
11) 1,1-Dichloroethene-d2	2.575	63	88705	40.802	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.600%
21) 2-Butanone-d5	4.649	46	90902	94.423	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.420%
24) Chloroform-d	5.070	84	95051	47.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.706	65	69403	51.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.280%
32) Benzene-d6	5.732	84	213041	48.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.580%
36) 1,2-Dichloropropane-d6	6.697	67	65794	48.122	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.240%
41) Toluene-d8	7.902	98	183310	45.637	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.280%
43) trans-1,3-Dichloroprop...	8.182	79	30458	46.148	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.300%
47) 2-Hexanone-d5	8.639	63	62289	96.088	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.090%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	101033	48.727	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	70451	47.514	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.020%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	5687	5.595	ug/L	# 1
17) trans-1,2-Dichloroethene	3.362	96	771	0.717	ug/L	87
19) 1,1-Dichloroethane	3.877	63	32568	16.651	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	11220	9.612	ug/L	99
25) Chloroform	5.092	83	12029	5.535	ug/L	92
30) 1,1,1-Trichloroethane	5.324	97	277674	146.968	ug/L	98
34) Trichloroethene	6.546	95	23232	18.930	ug/L	92
46) Tetrachloroethene	8.558	164	26266	29.124	ug/L	95

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

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