

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046326.D
 Acq On : 13 Dec 2021 19:20
 Operator : SY/MD
 Sample : M4983-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P7

Quant Time: Dec 14 03:53:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	149290	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	157582	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77169	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	52747	42.892	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.780%
7) Chloroethane-d5	1.919	69	39655	41.998	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.572	63	71195	32.249	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.500%
21) 2-Butanone-d5	4.639	46	83356	85.265	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.260%
24) Chloroform-d	5.070	84	81405	39.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.280%
26) 1,2-Dichloroethane-d4	5.707	65	62925	45.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.320%
32) Benzene-d6	5.732	84	183195	40.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.120%
36) 1,2-Dichloropropane-d6	6.694	67	58008	41.441	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.880%
41) Toluene-d8	7.899	98	153288	37.275	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.560%#
43) trans-1,3-Dichloroprop...	8.182	79	26673	39.474	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.940%
47) 2-Hexanone-d5	8.636	63	55153	83.102	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	92060	43.367	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.740%
66) 1,2-Dichlorobenzene-d4	12.195	152	62029	41.738	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.480%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	6017	5.829	ug/L	# 1
17) trans-1,2-Dichloroethene	3.359	96	3061	2.802	ug/L	92
19) 1,1-Dichloroethane	3.877	63	55483	27.934	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	160132	135.096	ug/L	99
25) Chloroform	5.092	83	12974	5.879	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	169150	87.446	ug/L	98
46) Tetrachloroethene	8.555	164	9724	10.531	ug/L	92

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

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