

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053544.D
 Acq On : 04 Apr 2023 01:32
 Operator : JC/MD
 Sample : 02158-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2(20230330)

Quant Time: Apr 04 06:58:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	232913	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	216015	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111161	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	88176	48.619	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	97.240%	
7) Chloroethane-d5	1.909	69	76962	55.038	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	110.080%	
11) 1,1-Dichloroethene-d2	2.562	63	108284	38.571	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	77.140%	
21) 2-Butanone-d5	4.613	46	103459	125.997	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	126.000%	
24) Chloroform-d	5.057	84	154561	51.531	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.060%	
26) 1,2-Dichloroethane-d4	5.697	65	102230	57.681	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	115.360%	
32) Benzene-d6	5.723	84	319569	54.807	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	109.620%	
36) 1,2-Dichloropropane-d6	6.684	67	100367	56.316	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	112.640%	
41) Toluene-d8	7.893	98	298586	51.522	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.040%	
43) trans-1,3-Dichloroprop...	8.176	79	47702	51.852	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	103.700%	
47) 2-Hexanone-d5	8.626	63	78452	128.980	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	128.980%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	144594	57.563	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	115.120%	
66) 1,2-Dichlorobenzene-d4	12.189	152	120112	51.765	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.540%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.559	96	1146	0.802	ug/L	# 1
19) 1,1-Dichloroethane	3.867	63	4468	1.878	ug/L	94
20) cis-1,2-Dichloroethene	4.662	96	77423	46.668	ug/L	93
46) Tetrachloroethene	8.552	164	1569	1.111	ug/L	85
64) 1,3-Dichlorobenzene	11.745	146	9857	2.870	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	29356	8.387	ug/L	95
70) 1,2,4-trichlorobenzene	13.838	180	28776	12.205	ug/L	98

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

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