

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
 Data File : VU053572.D
 Acq On : 04 Apr 2023 19:30
 Operator : JC/MD
 Sample : 02158-17DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-2(20230330)DL

Quant Time: Apr 04 23:14:09 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	6.243	114	270093	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	252820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	128019	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67951	32.310	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.620%		
7) Chloroethane-d5	1.909	69	60409	37.254	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.500%		
11) 1,1-Dichloroethene-d2	2.562	63	92145	28.304	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.600%#		
21) 2-Butanone-d5	4.613	46	103224	108.406	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.410%		
24) Chloroform-d	5.057	84	134647	38.712	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.420%		
26) 1,2-Dichloroethane-d4	5.697	65	89501	43.547	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.100%		
32) Benzene-d6	5.723	84	268039	39.277	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.560%		
36) 1,2-Dichloropropane-d6	6.687	67	88101	42.237	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.480%		
41) Toluene-d8	7.893	98	244776	36.088	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.180%#		
43) trans-1,3-Dichloroprop...	8.173	79	41351	38.405	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.800%		
47) 2-Hexanone-d5	8.626	63	78364	110.080	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.080%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	130478	44.381	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.760%		
66) 1,2-Dichlorobenzene-d4	12.188	152	104300	39.031	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.060%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	3040	1.456	ug/L #	47
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1559	0.838	ug/L #	64
12) 1,1-Dichloroethene	2.575	96	16603	10.018	ug/L #	1
19) 1,1-Dichloroethane	3.864	63	227796	82.563	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	26083	13.558	ug/L	93
34) Trichloroethene	6.539	95	39950	20.053	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	13627	3.381	ug/L	95
70) 1,2,4-trichlorobenzene	13.841	180	5612	2.067	ug/L	96

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

