

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053532.D
 Acq On : 03 Apr 2023 20:00
 Operator : JC/MD
 Sample : 02158-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-1(20230328)

Quant Time: Apr 04 05:19:30 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	269854	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	247492	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	128682	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	96811	46.073	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.140%			
7) Chloroethane-d5	1.909	69	82310	50.805	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.600%			
11) 1,1-Dichloroethene-d2	2.565	63	116604	35.849	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.700%			
21) 2-Butanone-d5	4.610	46	110681	116.341	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.340%			
24) Chloroform-d	5.057	84	164431	47.317	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.640%			
26) 1,2-Dichloroethane-d4	5.697	65	106337	51.785	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.560%			
32) Benzene-d6	5.722	84	342253	51.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.460%			
36) 1,2-Dichloropropane-d6	6.684	67	106314	52.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.140%			
41) Toluene-d8	7.893	98	318991	48.042	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.080%			
43) trans-1,3-Dichloroprop...	8.172	79	51730	49.079	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.160%			
47) 2-Hexanone-d5	8.626	63	86206	123.703	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 123.700%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	154196	53.578	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.160%			
66) 1,2-Dichlorobenzene-d4	12.188	152	126847	47.224	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.440%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.562	96	1080	0.652	ug/L #	1
20) cis-1,2-Dichloroethene	4.658	96	14346	7.464	ug/L	97
34) Trichloroethene	6.542	95	3644	1.868	ug/L	97
42) Toluene	7.967	91	30937	4.234	ug/L	98
46) Tetrachloroethene	8.549	164	13709	8.471	ug/L	94
51) Chlorobenzene	9.443	112	8127	1.614	ug/L	95
64) 1,3-Dichlorobenzene	11.741	146	5895	1.483	ug/L	96
65) 1,4-Dichlorobenzene	11.831	146	24537	6.056	ug/L	93
67) 1,2-Dichlorobenzene	12.208	146	4123	1.041	ug/L #	79
70) 1,2,4-trichlorobenzene	13.835	180	125758	46.076	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	22543	8.269	ug/L	99

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

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