

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053543.D
 Acq On : 04 Apr 2023 01:08
 Operator : JC/MD
 Sample : 02158-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-8D(20230330)

Quant Time: Apr 04 06:58:22 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	255227	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	241287	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	121905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	90347	45.461	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.920%		
7) Chloroethane-d5	1.909	69	77118	50.328	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.660%		
11) 1,1-Dichloroethene-d2	2.565	63	111614	36.281	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.560%		
21) 2-Butanone-d5	4.613	46	106354	118.199	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	118.200%		
24) Chloroform-d	5.057	84	158742	48.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.600%		
26) 1,2-Dichloroethane-d4	5.697	65	101920	52.478	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.960%		
32) Benzene-d6	5.723	84	325601	49.993	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.980%		
36) 1,2-Dichloropropane-d6	6.687	67	103482	51.982	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.960%		
41) Toluene-d8	7.893	98	305687	47.222	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.440%		
43) trans-1,3-Dichloroprop...	8.176	79	48731	47.422	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.840%		
47) 2-Hexanone-d5	8.626	63	82297	121.130	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	121.130%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	148181	52.812	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.620%		
66) 1,2-Dichlorobenzene-d4	12.189	152	123315	48.462	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.920%		
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	13361	6.773	ug/L	91
12) 1,1-Dichloroethene	2.572	96	2672	1.706	ug/L #	1
17) trans-1,2-Dichloroethene	3.350	96	7691	4.887	ug/L	88
19) 1,1-Dichloroethane	3.864	63	53020	20.336	ug/L	96
20) cis-1,2-Dichloroethene	4.662	96	189917	104.467	ug/L	92
27) 1,2-Dichloroethane	5.790	62	17994	8.217	ug/L	95
33) Benzene	5.771	78	16321	2.596	ug/L	100
46) Tetrachloroethene	8.552	164	1539	0.975	ug/L	88
51) Chlorobenzene	9.443	112	17454	3.556	ug/L	96
64) 1,3-Dichlorobenzene	11.742	146	25734	6.833	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	116788	30.427	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	47656	18.431	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	4563	1.767	ug/L #	90

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

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