

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053531.D
 Acq On : 03 Apr 2023 19:36
 Operator : JC/MD
 Sample : 02158-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-4(20230329)

Quant Time: Apr 04 05:19:22 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	273224	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	254455	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	131869	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	101115	47.528	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.060%		
7) Chloroethane-d5	1.909	69	80356	48.987	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.980%		
11) 1,1-Dichloroethene-d2	2.562	63	116271	35.306	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.620%		
21) 2-Butanone-d5	4.613	46	112711	117.013	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	117.010%		
24) Chloroform-d	5.057	84	162790	46.267	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.540%		
26) 1,2-Dichloroethane-d4	5.697	65	103981	50.013	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.020%		
32) Benzene-d6	5.723	84	334525	48.705	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.400%		
36) 1,2-Dichloropropane-d6	6.684	67	103304	49.207	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.420%		
41) Toluene-d8	7.893	98	313347	45.901	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.800%		
43) trans-1,3-Dichloroprop...	8.176	79	51647	47.659	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.320%		
47) 2-Hexanone-d5	8.626	63	88327	123.278	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	123.280%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	150272	50.786	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.580%		
66) 1,2-Dichlorobenzene-d4	12.189	152	128434	46.660	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.320%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.562	96	1102	0.657	ug/L	# 1
13) Acetone	2.626	43	4495	5.193	ug/L	68
20) cis-1,2-Dichloroethene	4.661	96	29111	14.958	ug/L	88
34) Trichloroethene	6.539	95	7290	3.636	ug/L	97
42) Toluene	7.967	91	65728	8.748	ug/L	100
46) Tetrachloroethene	8.549	164	28342	17.033	ug/L	97
51) Chlorobenzene	9.443	112	303138	58.560	ug/L	97
53) m,p-Xylene	9.690	106	6386	1.952	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	47708	11.711	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	103705	24.977	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	15155	3.733	ug/L	96
70) 1,2,4-trichlorobenzene	13.835	180	289422	103.477	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	49813	17.831	ug/L	97

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

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