

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
 Data File : VU053555.D
 Acq On : 04 Apr 2023 12:32
 Operator : JC/MD
 Sample : 02158-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-4(20230329)

Quant Time: Apr 04 13:16:27 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	261111	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	245013	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	127363	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79770	39.234	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.460%		
7) Chloroethane-d5	1.909	69	70358	44.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.760%		
11) 1,1-Dichloroethene-d2	2.562	63	99081	31.481	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.960%		
21) 2-Butanone-d5	4.613	46	100797	109.499	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.500%		
24) Chloroform-d	5.057	84	148478	44.157	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.320%		
26) 1,2-Dichloroethane-d4	5.697	65	95352	47.990	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.980%		
32) Benzene-d6	5.723	84	301020	45.516	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.040%		
36) 1,2-Dichloropropane-d6	6.684	67	96230	47.604	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.200%		
41) Toluene-d8	7.893	98	284972	43.353	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.700%		
43) trans-1,3-Dichloroprop...	8.176	79	46899	44.945	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.900%		
47) 2-Hexanone-d5	8.626	63	79151	114.728	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.730%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	141059	49.509	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.020%		
66) 1,2-Dichlorobenzene-d4	12.189	152	115899	43.595	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.200%		
Target Compounds					Qvalue	
13) Acetone	2.620	43	6454	7.801	ug/L	96
20) cis-1,2-Dichloroethene	4.665	96	4598	2.472	ug/L	94
34) Trichloroethene	6.539	95	1886	0.977	ug/L	91
51) Chlorobenzene	9.443	112	264417	53.049	ug/L	96
64) 1,3-Dichlorobenzene	11.742	146	35614	9.051	ug/L	92
65) 1,4-Dichlorobenzene	11.832	146	70796	17.654	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	6382	1.627	ug/L #	93
70) 1,2,4-trichlorobenzene	13.838	180	30863	11.425	ug/L	97

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

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